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REPORT

AMT
The Association For Manufacturing Technology
Founded 1902 as National Machine Tool Builders' Association
Direct Dial: (703) 827-5260

STATISTICAL

No. 48-92 May 27, 1992

U.S. FOREIGN TRADE IN MANUFACTURING TECHNOLOGY – MARCH 1992

(values in millions of U.S. dollars)

	Mar. 1992	Feb. 1992	Average Dec.-Feb.	YTD Total'92	YTD Total'91	% Change 1991-1992
METAL CUTTING MACHINE TOOLS						
Exports	$ 42.0	$ 43.8	$ 46.3	$134.8	$147.4	(8.5%)
Imports	$118.6	$ 96.8	$125.8	$350.4	$382.0	(8.3%)
Balance	($ 76.6)	($ 53.0)	($ 79.5)	($215.6)	($234.6)	(8.1%)
METAL FORMING MACHINE TOOLS						
Exports	$ 35.3	$ 48.0	$ 43.8	$119.2	$102.8	16.0%
Imports	$ 44.9	$ 24.9	$ 38.1	$119.2	$134.9	(11.6%)
Balance	($ 9.6)	$ 23.1	$ 5.7	$ 0.0	($ 32.1)	(100.0%)
MACHINE TOOL TOTAL						
Exports	$ 77.3	$ 91.8	$ 90.1	$254.0	$250.2	1.5%
Imports	$163.5	$121.7	$163.9	$469.6	$516.8	(9.1%)
Balance	($ 86.2)	($ 29.9)	($ 73.8)	($215.6)	($266.6)	(19.1%)
NUMERICALLY CONTROLLED MACHINE TOOLS						
Exports	$ 19.4	$ 27.6	$ 24.8	$ 74.1	$ 82.8	(10.5%)
Imports	$ 84.4	$ 71.8	$ 88.4	$245.7	$269.7	(8.9%)
Balance	($ 65.0)	($ 44.2)	($ 63.6)	($171.6)	($186.9)	(8.2%)
OTHER MANUFACTURING TECHNOLOGY						
Exports	$156.6	$143.6	$146.9	$445.4	$404.9	10.0%
Imports	$173.8	$128.7	$144.5	$450.3	$509.7	(11.7%)
Balance	($ 17.2)	$ 14.9	$ 2.4	($ 4.9)	($104.8)	(95.3%)

Note: Numerically controlled machine tools is a subgroup of the machine tool total. ( ) denotes negative. NM = not meaningful. Individual items may not add up to totals due to rounding.

• U.S. machine tool exports in the first three months of 1992 are $254.0 million, up 1.5% over last year. Metal cutting exports are down 8.5%; metal forming exports are up 16.0%.

• Machine tool imports in 1992 through March are down 9.1% from last year to $469.6 million. The import total for the first quarter of 1992 is the lowest quarterly import total since the second quarter of 1988.

• Year-to-date exports of NC machines are $74.1 million, down from $82.8 million last year at this time. Imports of NC machines are down 9% to $245.7 million.

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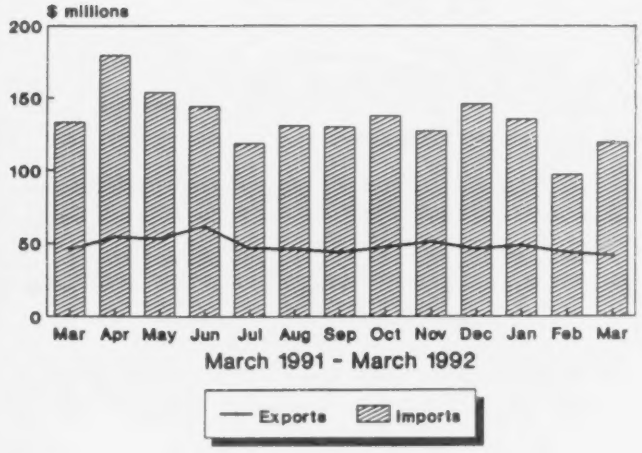
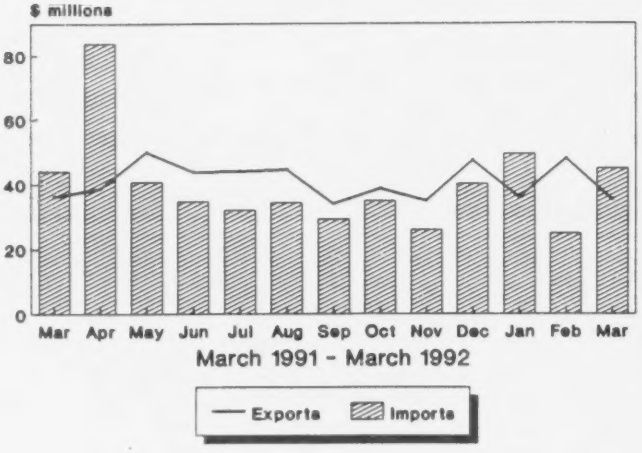
U.S. MONTHLY TRADE IN MACHINE TOOLS

METAL CUTTING



METAL FORMING



METAL CUTTING MACHINE TOOLS

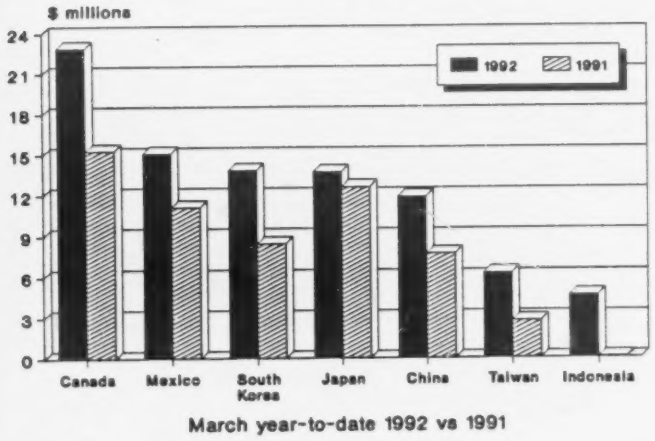
Exports

- Metal cutting exports in March fell slightly from February to $42.0 million. Year-to-date exports of $134.8 million are down 9% from last year.

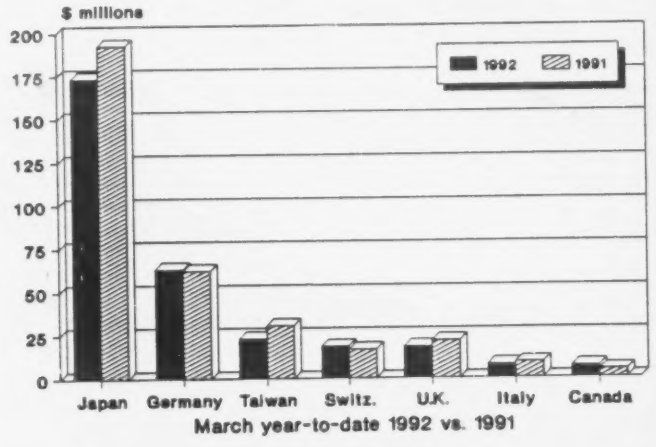
- Canada is the top year-to-date export market at $22.9 million, up 50% over last year. Exports to Indonesia in 1992 through March are $4.6 million, up from just over $56,000 last year at this time. Exports to Germany are down 83% to $4.4 million so far this year.

- Year-to-date exports of milling machines are $15.9 million, up from $4.2 million last year at this time. The largest markets for milling machines so far in 1992 include Taiwan ($3.5 million), China ($3.2 million), Poland ($2.4 million) and Mexico ($1.5 million).

LEADING U.S. EXPORT MARKETS
METAL CUTTING MACHINES



LEADING U.S. IMPORT SOURCES
METAL CUTTING MACHINES



Imports

• Imports of metal cutting machines in March rose to $118.6 million, up from $96.8 million in February. Year-to-date imports of $350.4 million are down 8% from last year.

• Imports of EDMs so far in 1992 are $20.0 million, up from $18.7 million in 1991 at this time. Year-to-date imports of sawing or cutting off machines are $7.0 million, down from $12.4 million in the comparable period in 1991.

• Year-to-date metal cutting imports from Japan are down 10% to $173.5 million; imports from Taiwan are down 24% to $23.0 million. Imports in 1992 through March from Singapore have more than doubled to $5.1 million.

METAL FORMING MACHINE TOOLS

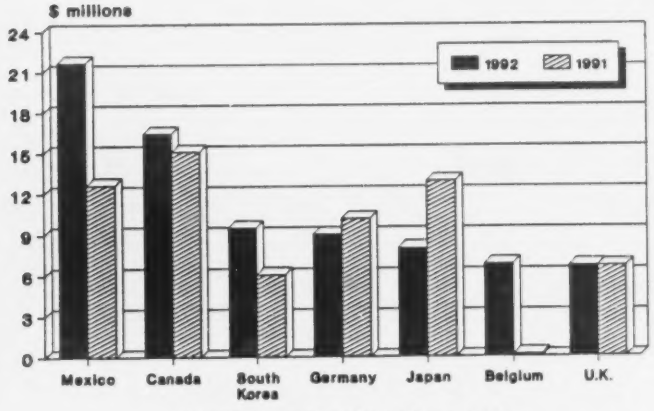
Exports

• Exports of metal forming machines fell to $35.3 million in March, down from $48.0 million in February. Year-to-date exports are up 16% to $119.2 million.

• Mexico is the top year-to-date market at $21.7 million, up 71% over last year; exports to Korea are up 57% to $9.5 million. Exports to Belgium are $6.8 million, up from less than $0.2 million at this time in 1991, while exports to Saudi Arabia are $7.4 million, up from $3.0 million last year at this time.

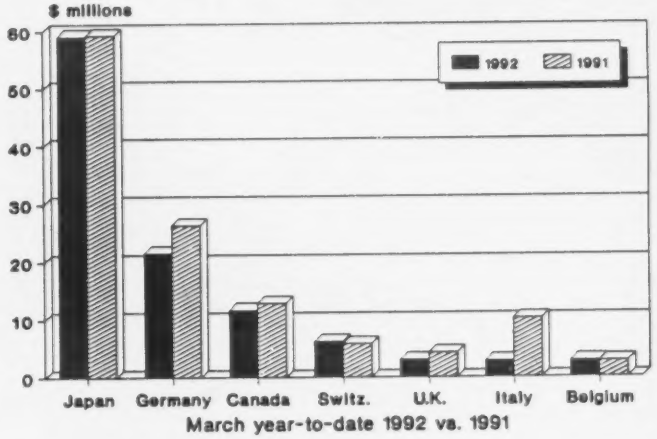
• Exports of bending and forming machines so far in 1992 are $21.2 million, up from $18.4 million last year at this time. The top markets so far this year: Mexico ($4.6 million), Belgium ($4.0 million), South Korea ($3.2 million) and Canada ($1.7 million).

LEADING U.S. EXPORT MARKETS
METAL FORMING MACHINES



March year-to-date 1992 vs. 1991

LEADING U.S. IMPORT SOURCES
METAL FORMING MACHINES



March year-to-date 1992 vs. 1991

Imports

• Year-to-date imports of metal forming machines are down 12% to $119.2 million. March imports of $44.9 million were up from $24.9 million in February.

• Year-to-date imports of punching and shearing machines are $17.9 million, up from $12.7 million last year. The top suppliers so far in 1992 are Japan ($11.7 million), Italy ($1.2 million) and Germany ($1.2 million)

• Imports from Japan in the first quarter are about even with last year at $59.1 million; imports from Germany are down 18% to $21.5 million.

OTHER MANUFACTURING TECHNOLOGY

Exports

• Exports of machine tool parts and accessories are $185.0 million in 1992 through March, up from $165.8 million last year at this time. The top markets so far in 1992: Canada ($33.2 million), Japan ($26.3 million), and Germany ($18.0 million).

• Exports of numerical controls for controlling machine tools are $6.0 million so far in 1992, up from $5.9 million last year. The top markets in 1992: France ($0.5 million), Canada ($0.5 million), Japan ($0.4 million) and Germany ($0.4 million).

Imports

• Imports of machine tool parts and accessories are $130.9 million in 1992 through March, down from $136.7 million in 1991. The top sources this year: Japan ($34.8 million), Canada ($29.5 million), Germany ($21.5 million) and Switzerland ($9.0 million).

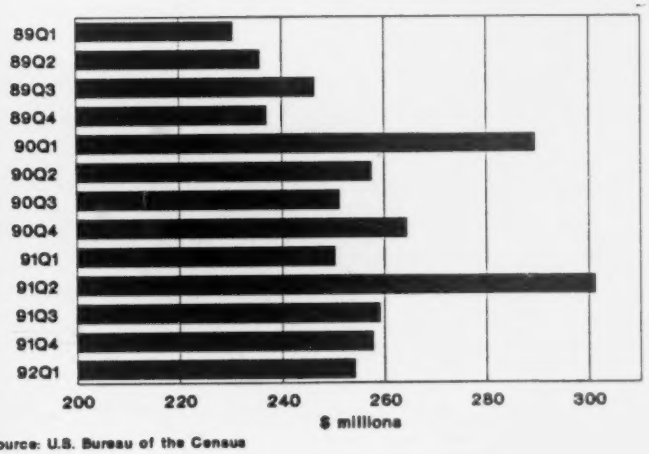
• Year-to-date imports of industrial robots are $23.6 million, up from $16.4 million in 1991 at this time.

MONTHLY FOCUS

Many economists believe that demand for manufactured goods in the United States will stay modest in the near term, making exports, including machine tool exports, critical for sustained U.S. economic recovery. On one hand, year-to-date U.S. machine tool exports are up 1.5% over the same time in 1991, when exports set an all-time record. On the other hand, machine tool exports have now fallen (slightly) for three consecutive quarters (see chart 1), and U.S. machine tool export orders in 1992 through April are down 49% from a year ago, according to AMT's Industry Estimates.

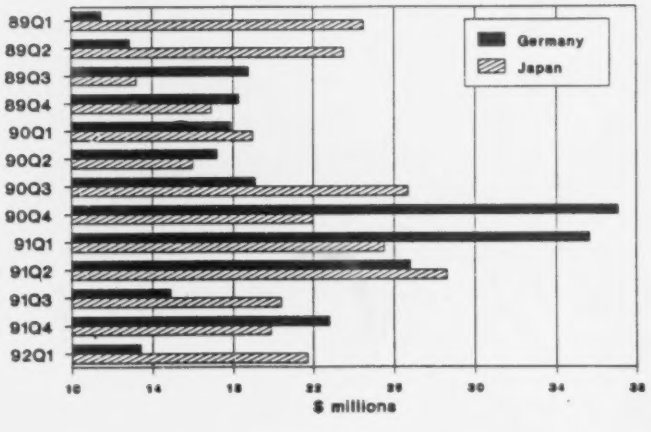
Economic slowdowns in Germany and Japan, the world's top machine tool consumers, are causing machine tool demand -- and U.S. machine tool exports to those countries -- to slow. U.S. machine tool exports to Germany are down 62% in 1992 through March; exports to Japan are down 15% (see chart 2). If U.S. machine tool exports are to set another record in 1992, other countries will have to take up the slack. So far this year, Canada (exports up 30% so far in 1992), Mexico (up 55%) and South Korea (up 61%), among others, are serving that purpose.

Chart 1: Quarterly U.S. Machine Tool Exports



Source: U.S. Bureau of the Census

Chart 2: Quarterly U.S. Machine Tool Exports to Germany and Japan



1992 EXPORTS

METAL CUTTING

COUNTRY	MAR'92	FEB'92	% CHANGE	MAR'92 YTD	MAR'91 YTD	% CHANGE
Canada	$6,746,814	$5,857,209	15%	$22,887,735	$15,257,045	50%
Mexico	5,728,575	6,533,302	-12%	15,107,002	11,118,994	36%
South Korea	3,411,661	4,545,495	-25%	13,844,318	8,406,084	65%
Japan	2,982,330	7,237,502	-59%	13,705,744	12,599,772	9%
China	2,386,904	4,641,119	-49%	11,884,702	7,662,093	55%
Taiwan	1,668,460	1,889,419	-12%	6,236,974	2,746,709	127%
Indonesia	4,415,000	134,829	3175%	4,581,478	56,079	8070%
United Kingdom	1,041,355	1,971,568	-47%	4,532,418	6,507,381	-30%
Germany	1,681,578	1,706,814	-1%	4,402,338	25,547,897	-83%
Brazil	507,551	963,409	-47%	3,756,393	2,475,127	52%
Italy	1,264,366	1,445,108	-13%	3,721,209	5,495,062	-32%
Switzerland	588,714	364,977	61%	2,850,858	2,000,799	42%
India	2,149,449	530,394	305%	2,729,524	3,961,560	-31%
Singapore	1,479,016	294,349	402%	2,643,203	1,630,597	62%
France	342,979	1,222,654	-72%	1,902,956	4,643,658	-59%
Venezuela	968,044	319,469	203%	1,806,262	2,919,963	-38%
Netherlands	30,620	173,043	-82%	1,406,325	2,194,540	-36%
Australia	434,212	337,947	28%	1,265,382	1,745,472	-28%
Thailand	486,622	163,861	197%	957,267	452,330	112%
Austria	8,809	0	NA	505,412	447,368	13%
Malaysia	223,088	27,698	705%	432,470	70,801	511%
Belgium	123,874	101,063	23%	307,774	3,060,951	-90%
Spain	53,192	9,107	484%	130,496	465,527	-72%
USSR	0	0	NA	0	11,434,601	-100%

METAL FORMING

COUNTRY	MAR'92	FEB'92	% CHANGE	MAR'92 YTD	MAR'91 YTD	% CHANGE
Mexico	$8,177,089	$6,352,532	29%	$21,677,086	$12,647,057	71%
Canada	5,949,839	8,574,720	-31%	16,430,912	15,102,950	9%
South Korea	1,896,157	3,877,732	-51%	9,493,371	6,056,986	57%
Germany	2,276,472	3,634,589	-37%	9,007,149	10,160,431	-11%
Japan	2,829,337	2,007,218	41%	8,001,702	12,926,848	-38%
Belgium	756,562	3,916,481	-81%	6,818,278	152,766	4363%
United Kingdom	1,244,304	3,676,966	-66%	6,684,504	6,631,311	1%
France	1,264,480	1,107,729	14%	5,650,832	2,226,096	154%
Taiwan	1,462,014	1,499,756	-3%	3,916,509	2,263,921	73%
Thailand	88,113	2,766,706	-97%	2,982,423	1,608,230	85%
Brazil	921,416	101,020	812%	2,062,436	2,230,234	-8%
Singapore	525,553	621,402	-15%	1,614,113	1,988,238	-19%
Switzerland	240,969	1,074,918	-78%	1,391,907	609,087	129%
Italy	534,622	299,658	78%	1,261,692	2,151,405	-41%
China	189,649	534,889	-65%	1,252,385	3,849,379	-67%
Venezuela	414,593	623,396	-33%	1,063,689	350,589	203%
Malaysia	656,411	139,779	370%	807,746	638,089	27%
Netherlands	148,840	124,648	19%	671,726	2,521,171	-73%
Indonesia	270,000	0	NA	590,030	408,560	44%
Australia	192,649	185,009	4%	526,876	792,509	-34%
Austria	412,442	106,185	288%	518,627	83,602	520%
Spain	0	413,837	-100%	498,297	351,213	42%
India	161,193	109,200	48%	372,294	529,027	-30%
USSR	45,960	75,783	-39%	121,743	0	NA

MACHINE TOOL TOTAL

COUNTRY	MAR'92	FEB'92	% CHANGE	MAR'92 YTD	MAR'91 YTD	% CHANGE
Canada	$12,696,653	$14,431,929	-12%	$39,318,647	$30,359,995	30%
Mexico	13,905,664	12,885,834	8%	36,784,088	23,766,051	55%
South Korea	5,307,818	8,423,227	-37%	23,337,689	14,463,070	61%
Japan	5,811,667	9,244,720	-37%	21,707,446	25,526,620	-15%
Germany	3,958,050	5,341,403	-26%	13,409,487	35,708,328	-62%
China	2,576,553	5,176,008	-50%	13,137,087	11,511,472	14%
United Kingdom	2,285,659	5,648,534	-60%	11,216,922	13,138,692	-15%
Taiwan	3,130,474	3,389,175	-8%	10,153,483	5,010,630	103%
France	1,607,459	2,330,383	-31%	7,553,788	6,869,754	10%
Belgium	880,436	4,017,544	-78%	7,126,052	3,213,717	122%
Brazil	1,428,967	1,064,429	34%	5,818,829	4,705,361	24%
Indonesia	4,685,000	134,829	3375%	5,171,508	464,639	1013%
Italy	1,798,988	1,744,766	3%	4,982,901	7,646,467	-35%
Singapore	2,004,569	915,751	119%	4,257,316	3,618,835	18%
Switzerland	829,683	1,439,895	-42%	4,242,765	2,609,886	63%
Thailand	574,735	2,930,567	-80%	3,939,690	2,060,560	91%
India	2,310,642	639,594	261%	3,101,818	4,490,587	-31%
Venezuela	1,382,637	942,865	47%	2,869,951	3,270,552	-12%
Netherlands	179,460	297,691	-40%	2,078,051	4,715,711	-56%
Australia	626,861	522,956	20%	1,792,258	2,537,981	-29%
Malaysia	879,499	167,477	425%	1,240,216	708,890	75%
Austria	421,251	106,185	297%	1,024,039	530,970	93%
Spain	53,192	422,944	-87%	628,793	816,740	-23%
USSR	45,960	75,783	-39%	121,743	11,434,601	-99%

1992 IMPORTS

METAL CUTTING

COUNTRY	MAR'92	FEB'92	% CHANGE	MAR'92 YTD	MAR'91 YTD	% CHANGE
Japan	$60,150,783	$57,032,263	5%	$173,470,441	$192,578,120	-10%
Germany	14,774,500	6,701,042	120%	63,232,970	62,159,576	2%
Taiwan	7,149,360	8,774,897	-19%	23,037,318	30,452,815	-24%
Switzerland	6,775,113	3,328,081	104%	18,528,400	16,745,441	11%
United Kingdom	8,239,796	4,099,462	101%	18,283,083	21,631,359	-15%
Italy	2,177,284	1,991,061	9%	7,923,243	9,033,479	-12%
Canada	2,637,951	2,347,959	12%	6,752,708	4,618,762	46%
South Korea	2,053,488	3,615,534	-43%	6,670,165	4,330,035	54%
Singapore	1,850,753	1,596,398	16%	5,125,906	2,479,846	107%
Spain	750,900	792,433	-5%	3,095,498	6,240,748	-50%
France	1,735,935	365,402	375%	2,413,011	4,577,369	-47%
Sweden	950,447	245,492	287%	2,357,740	5,651,473	-58%
Brazil	80,601	691,885	-88%	1,834,698	1,182,368	55%
Belgium	102,702	35,793	187%	174,102	1,027,622	-83%

METAL FORMING

COUNTRY	MAR'92	FEB'92	% CHANGE	MAR'92 YTD	MAR'91 YTD	% CHANGE
Japan	$21,903,887	$10,229,603	114%	$59,125,363	$59,299,949	0%
Germany	10,214,853	4,507,747	127%	21,469,637	26,321,702	-18%
Canada	4,522,793	2,775,207	63%	11,666,172	12,794,359	-9%
Switzerland	2,326,115	1,372,689	69%	6,169,442	5,807,318	6%
United Kingdom	952,567	1,016,321	-6%	3,085,124	4,260,391	-28%
Italy	1,200,945	381,203	215%	2,878,879	10,203,187	-72%
Belgium	341,270	116,482	193%	2,868,592	2,771,467	4%
Sweden	407,010	1,165,452	-65%	2,322,621	5,023,090	-54%
Taiwan	774,610	554,382	40%	1,968,208	2,235,725	-12%
France	833,915	1,063,749	-22%	1,900,664	709,110	168%
Spain	90,649	226,704	-60%	724,390	1,015,520	-29%
South Korea	0	131,562	-100%	270,339	283,059	-4%
Brazil	0	0	NA	9,051	538,940	-98%
Singapore	0	0	NA	0	300,254	-100%

MACHINE TOOL TOTAL

COUNTRY	MAR'92	FEB'92	% CHANGE	MAR'92 YTD	MAR'91 YTD	% CHANGE
Japan	$82,054,670	$67,261,866	22%	$232,595,804	$251,878,069	-8%
Germany	24,989,353	11,208,789	123%	84,702,607	88,481,278	-4%
Taiwan	7,923,970	9,329,279	-15%	25,005,526	32,688,540	-24%
Switzerland	9,101,228	4,700,770	94%	24,697,842	22,552,759	10%
United Kingdom	9,192,363	5,115,783	80%	21,368,207	25,891,750	-17%
Canada	7,160,744	5,123,166	40%	18,418,880	17,413,121	6%
Italy	3,378,229	2,372,264	42%	10,802,122	19,236,666	-44%
South Korea	2,053,488	3,747,096	-45%	6,940,504	4,613,094	50%
Singapore	1,850,753	1,596,398	16%	5,125,906	2,780,100	84%
Sweden	1,357,457	1,410,944	-4%	4,680,361	10,674,563	-56%
France	2,569,850	1,429,151	80%	4,313,675	5,286,479	-18%
Spain	841,549	1,019,137	-17%	3,819,888	7,256,268	-47%
Belgium	443,972	152,275	192%	3,042,694	3,799,089	-20%
Brazil	80,601	691,885	-88%	1,843,749	1,721,308	7%

1992 U.S. EXPORTS BY PRODUCT GROUPS

PRODUCT TYPES	JANUARY 1992 Units	JANUARY 1992 Value	FEBRUARY 1992 Units	FEBRUARY 1992 Value	MARCH 1992 Units	MARCH 1992 Value	MARCH 1992 YTD Units	MARCH 1992 YTD Value
Used & rebuilt & under $3,025	5,316	$11,265,820	5,422	$19,598,877	6,557	$15,515,671	17,295	$46,380,368
Boring machines	4	111,194	13	355,020	22	1,051,530	39	1,517,744
Drilling machines	46	2,480,904	77	1,808,417	144	1,028,066	267	5,317,387
Gear cutting machines	16	2,952,428	14	3,352,752	11	1,838,305	41	8,143,485
Grinding machines	296	11,067,320	248	6,487,757	298	7,112,597	842	24,667,674
NC horizontal lathes	22	4,786,634	16	2,123,339	22	2,483,249	60	9,393,222
NC vertical lathes	1	170,620	7	1,895,200	3	314,112	11	2,379,932
Non-NC lathes	44	3,333,427	36	1,234,899	39	866,194	119	5,434,520
Milling machines	35	6,163,478	43	5,628,228	43	4,140,783	121	15,932,489
Machining centers	18	4,153,920	43	2,912,384	26	3,823,849	87	10,890,153
Station type machines	2	689,332	24	3,705,541	5	6,212,800	31	10,607,673
Other metal cutting machines	191	5,028,354	261	7,372,840	260	5,534,794	712	17,935,988
Punching & shearing machines	75	2,962,166	120	6,014,865	92	4,643,641	287	13,620,672
Bending & forming machines	154	5,495,473	156	8,763,283	161	6,961,257	471	21,220,013
Presses	98	7,968,219	112	6,395,734	96	6,397,621	306	20,761,574
Forging machines	18	4,823,312	20	1,352,893	11	1,504,192	49	7,680,397
Other metal forming machines	221	11,490,938	324	12,788,805	320	7,847,518	865	32,127,261
MACHINE TOOL TOTAL	6,557	84,943,539	6,936	91,790,834	8,110	77,276,179	21,603	254,010,552

PRODUCT TYPES	MARCH 1991 Units	MARCH 1991 Value	MARCH 1991 YTD Units	MARCH 1991 YTD Value
Used & rebuilt & under $3,025	5,918	$12,359,757	16,582	$34,976,354
Boring machines	7	490,980	23	3,753,053
Drilling machines	98	2,731,002	274	7,158,738
Gear cutting machines	16	3,898,627	53	14,719,016
Grinding machines	275	8,387,839	791	24,580,359
NC horizontal lathes	29	3,419,112	77	8,851,580
NC vertical lathes	6	371,174	9	874,319
Non-NC lathes	34	912,266	117	3,002,467
Milling machines	56	1,629,636	104	4,172,227
Machining centers	21	6,179,301	66	13,130,501
Station type machines	3	3,750,445	20	26,795,070
Other metal cutting machines	322	7,317,458	823	21,442,623
Punching & shearing machines	85	4,584,562	272	14,554,172
Bending & forming machines	119	7,232,573	337	18,436,562
Presses	128	4,847,879	517	18,000,169
Forging machines	21	4,124,370	51	12,016,725
Other metal forming machines	193	9,543,993	609	23,756,729
MACHINE TOOL TOTAL	7,331	81,780,974	20,725	250,220,664

1992 U.S. EXPORTS BY PRODUCT GROUPS

PRODUCT TYPES	% CHANGE FEB'92–MAR'92		% CHANGE MAR'91–MAR'92		% CHANGE YTD'91–YTD'92	
	Units	Value	Units	Value	Units	Value
Used & rebuilt & under $3,025	20.9%	-20.8%	10.8%	25.5%	4.3%	32.6%
Boring machines	69.2%	196.2%	214.3%	114.2%	69.6%	-59.6%
Drilling machines	87.0%	-43.2%	46.9%	-62.4%	-2.6%	-25.7%
Gear cutting machines	-21.4%	-45.2%	-31.3%	-52.8%	-22.6%	-44.7%
Grinding machines	20.2%	9.6%	8.4%	-15.2%	6.4%	0.4%
NC horizontal lathes	37.5%	17.0%	-24.1%	-27.4%	-22.1%	6.1%
NC vertical lathes	-57.1%	-83.4%	-50.0%	-15.4%	22.2%	172.2%
Non-NC lathes	8.3%	-29.9%	14.7%	-5.1%	1.7%	81.0%
Milling machines	0.0%	-26.4%	-23.2%	154.1%	16.3%	281.9%
Machining centers	-39.5%	31.3%	23.8%	-38.1%	31.8%	-17.1%
Station type machines	-79.2%	67.7%	66.7%	65.7%	55.0%	-60.4%
Other metal cutting machines	-0.4%	-24.9%	-19.3%	-24.4%	-13.5%	-16.4%
Punching & shearing machines	-23.3%	-22.8%	8.2%	1.3%	5.5%	-6.4%
Bending & forming machines	3.2%	-20.6%	35.3%	-3.8%	39.8%	15.1%
Presses	-14.3%	0.0%	-25.0%	32.0%	-40.8%	15.3%
Forging machines	-45.0%	11.2%	-47.6%	-63.5%	-3.9%	-36.1%
Other metal forming machines	-1.2%	-38.6%	65.8%	-17.8%	42.0%	35.2%
MACHINE TOOL TOTAL	16.9%	-15.8%	10.6%	-5.5%	4.2%	1.5%

1992 U.S. IMPORTS BY PRODUCT GROUPS

PRODUCT TYPES	JANUARY 1992 Units	JANUARY 1992 Value	FEBRUARY 1992 Units	FEBRUARY 1992 Value	MARCH 1992 Units	MARCH 1992 Value	MARCH 1992 YTD Units	MARCH 1992 YTD Value
Used & rebuilt & under $3,025	94,127	$12,280,602	81,661	$11,946,493	71,929	$14,045,979	247,717	$38,273,074
Boring machines	25	3,463,952	36	989,787	45	3,737,653	106	8,191,392
Drilling machines	97	4,705,463	104	2,226,497	36	2,753,876	237	9,685,836
Gear cutting machines	37	6,172,007	4	649,747	23	1,307,398	64	8,129,152
Grinding machines	512	27,479,836	361	11,708,165	475	16,761,975	1,348	55,949,976
NC horizontal lathes	153	15,234,824	285	26,313,185	235	23,072,156	673	64,620,165
NC vertical lathes	16	1,194,631	4	987,274	18	4,031,865	38	6,213,770
Non-NC lathes	207	3,386,097	249	4,832,824	242	4,680,480	698	12,899,401
Milling machines	138	4,406,171	198	2,995,701	244	3,330,393	580	10,732,265
Machining centers	200	22,852,787	215	23,855,068	227	27,699,714	642	74,407,569
Station type machines	18	19,481,908	12	2,219,038	9	1,337,261	39	23,038,207
Other metal cutting machines	280	16,298,473	264	10,069,462	284	18,240,822	828	44,608,757
Punching & shearing machines	100	7,476,279	99	5,200,811	75	5,203,477	274	17,880,567
Bending & forming machines	151	11,974,223	125	4,205,804	147	6,328,325	423	22,508,352
Presses	101	15,951,346	598	3,793,878	364	7,021,117	1,063	26,766,341
Forging machines	104	2,006,697	165	1,340,569	45	17,634,877	315	20,982,143
Other metal forming machines	151	10,016,946	125	8,391,681	228	6,298,417	504	24,707,044
MACHINE TOOL TOTAL	96,417	184,382,242	84,506	121,725,984	74,626	163,485,785	255,549	469,594,011

PRODUCT TYPES	MARCH 1991 Units	MARCH 1991 Value	MARCH 1991 YTD Units	MARCH 1991 YTD Value
Used & rebuilt & under $3,025	63,827	$14,630,134	230,106	$43,693,588
Boring machines	55	6,672,018	195	13,179,877
Drilling machines	105	5,761,640	313	13,171,551
Gear cutting machines	17	4,539,343	81	14,395,237
Grinding machines	540	20,820,588	1,666	61,007,513
NC horizontal lathes	244	28,306,454	653	71,670,565
NC vertical lathes	9	2,973,011	33	6,594,016
Non-NC lathes	312	7,055,881	1,374	20,626,760
Milling machines	250	4,970,541	956	20,537,462
Machining centers	167	23,632,084	646	77,876,735
Station type machines	5	1,401,630	23	7,421,621
Other metal cutting machines	249	15,490,901	911	39,432,872
Punching & shearing machines	89	5,334,266	215	12,670,396
Bending & forming machines	147	8,228,937	519	23,481,583
Presses	163	8,995,976	552	34,266,108
Forging machines	51	5,954,214	157	13,510,810
Other metal forming machines	277	12,006,374	793	41,575,894
MACHINE TOOL TOTAL	66,507	176,773,992	239,193	515,112,588

1992 U.S. IMPORTS BY PRODUCT GROUPS

PRODUCT TYPES	% CHANGE FEB'92-MAR'92		% CHANGE MAR'91-MAR'92		% CHANGE YTD'91-YTD'92	
	Units	Value	Units	Value	Units	Value
Used & rebuilt & under $3,025	-11.9%	17.6%	12.7%	-4.0%	7.7%	-12.4%
Boring machines	25.0%	277.6%	-18.2%	-44.0%	-45.6%	-37.8%
Drilling machines	-65.4%	23.7%	-65.7%	-52.2%	-24.3%	-26.5%
Gear cutting machines	475.0%	101.2%	35.3%	-71.2%	-21.0%	-43.5%
Grinding machines	31.6%	43.2%	-12.0%	-19.5%	-19.1%	-8.3%
NC horizontal lathes	-17.5%	-12.3%	-3.7%	-18.5%	3.1%	-9.8%
NC vertical lathes	350.0%	308.4%	100.0%	35.6%	15.2%	-5.8%
Non-NC lathes	-2.8%	-3.2%	-22.4%	-33.7%	-49.2%	-37.5%
Milling machines	23.2%	11.2%	-2.4%	-33.0%	-39.3%	-47.7%
Machining centers	5.6%	16.1%	35.9%	17.2%	-0.6%	-4.5%
Station type machines	-25.0%	-39.7%	80.0%	-4.6%	69.6%	210.4%
Other metal cutting machines	7.6%	81.1%	14.1%	17.8%	-9.1%	13.1%
Punching & shearing machines	-24.2%	0.1%	-15.7%	-2.5%	27.4%	41.1%
Bending & forming machines	17.6%	50.5%	0.0%	-23.1%	-18.5%	-4.1%
Presses	-39.1%	85.1%	123.3%	-22.0%	92.6%	-21.9%
Forging machines	-72.9%	1215.5%	-11.8%	196.2%	100.6%	55.3%
Other metal forming machines	82.4%	-24.9%	-17.7%	-47.5%	-36.4%	-40.6%

U.S. EXPORTS
Metal Cutting Machine Tools - March 92

RELEASED: May 27, 1992

		TOTAL YTD		TOTAL MO.	
		UNITS	$000	UNITS	$000
8456300000	Electro-discharge machines	38	2526	9	507
8457100015	Vert. mach. ctrs., ATC, Y-axis travel not over 660mm (26")	19	1649	3	511
100025	Vert. mach. ctrs., ATC, Y-axis travel over 660mm (26")	6	1017	2	171
100035	Horizontal machining centers, ATC	11	3219	8	2063
100045	Machining centers, n.e.c.	51	5006	13	1079
200010	Unit construction mach. (single station transfer), NC	1	958	0	0
200090	Unit construction mach. (single station transfer), non-NC	1	97	0	0
300010	Multi-station transfer machines, NC	1	589	0	0
300090	Multi-station transfer machines, non-NC	23	8374	3	5934
8458110010	Horizontal lathes, multiple spindle, NC	18	1598	8	675
110030	Horiz. lathes, power rating under 18.65 kW (25 HP), NC	21	1948	7	707
110050	Horiz. lathes, power rating 18.65-37.3 kW (25-50 HP), NC	14	3768	6	966
110090	Horiz. lathes, power rating over 37.3 kW (50 HP), NC	7	2079	1	135
190030	Horizontal engine or toolroom lathes, non-NC	8	167	2	10
190050	Automatic bar and/or chucking mach., single spindle, non-NC	3	153	2	11
190070	Automatic bar and/or chucking mach., mult. spindle, non-NC	10	610	6	150
190090	Horizontal lathes, n.e.c., non-NC	68	966	23	459
911060	Vertical turret lathes, multiple spindle, NC	0	0	0	0
911080	Vertical turret lathes, n.e.c., NC	1	118	1	118
915050	Vertical lathes, excl. VTL's, multiple spindle, NC	0	0	0	0
915070	Vertical lathes, excluding VTL's, n.e.c., NC	10	2261	2	196
991050	Vertical turret lathes, non-NC	8	290	2	24
995090	Vertical lathes, n.e.c., excl. VTL's, non-NC	22	3248	4	212
8459100000	Way-type unit head machines	5	589	2	279
210080	Other drilling machines, NC	31	3631	4	167
290040	Drilling machines, multiple spindle, non-NC	3	83	1	49
290050	Drilling machines, radial, non-NC	7	69	3	37
290070	Drilling, upright, ex. sensitive, turret & deep hole, non-NC	3	111	1	31
290090	Drilling machines, n.e.c., non-NC	223	1424	135	744
310010	Boring-milling mach., horiz. spind., table, excl. planer, NC	0	0	0	0
310040	Boring-milling mach., horiz. spindle, n.e.c., NC	0	0	0	0
310070	Boring-milling machines, n.e.c., NC	10	692	5	498
390040	Boring-milling mach., horiz. spindle, n.e.c., non-NC	0	0	0	0
390050	Boring-milling mach., excl. horiz. spindle, n.e.c., non-NC	13	229	9	126
400040	Boring machines, vertical, NC	0	0	0	0
400050	Boring machines, vertical, non-NC	12	408	5	266
400070	Boring machines, n.e.c., NC	1	104	1	104
400080	Boring machines, n.e.c., non-NC	3	84	2	58
510080	Milling machines, knee type, NC	1	1350	0	0
590030	Milling machines, knee type, non-NC	59	2396	25	1014
610080	Milling machines, excluding knee type, n.e.c., NC	20	8908	7	2902
690050	Milling machines, profile, dup., or die sinking, non-NC	3	220	0	0
690070	Milling machines, bed type, non-NC	1	25	1	25
690090	Milling machines, n.e.c., non-NC	37	3032	10	199
700020	Threading or tapping machines, n.e.c., NC	4	397	1	31
700080	Threading or tapping machines, n.e.c., non-NC	62	878	8	126
8460110080	Flat surface grinding machines, NC	22	984	12	477
190010	Flat surface grinding mach., recip.-table type, non-NC	6	73	3	31
190050	Flat surface grinding machines, n.e.c., non-NC	21	2369	2	280
210080	Grinding mach., of an accuracy at least 0.01mm, n.e.c., NC	14	3313	6	1200
290010	Grinding mach., external cylindrical, (incl. univ.), non-NC	5	1763	1	25
290030	Grinding machines, internal cylindrical, non-NC	36	2155	6	1105
290050	Grinding mach., of accuracy at least 0.01mm, n.e.c., non-NC	66	4132	16	969
310080	Sharpening machines (tool & cutter grinding), NC	17	990	6	166
390050	Sharpening machines (tool & cutter grinding), non-NC	152	1173	54	388
400060	Honing or lapping machines, NC	0	0	0	0
400080	Honing or lapping machines, non-NC	127	1513	54	721
900060	Grinding, honing, polishing, & lapping mach., n.e.c., NC	5	1817	1	50
900080	Grinding, honing, polishing, & lapping mach., n.e.c., non-NC	371	4385	137	1700
8461100060	Planing machines, NC	1	1722	0	0
100080	Planing machines, non-NC	37	1451	13	199
200010	Shaping or slotting machines, NC	13	451	12	433
200090	Shaping or slotting machines, non-NC	5	157	1	17
300060	Broaching machines, NC	2	38	2	38
300080	Broaching machines, non-NC	6	136	3	16
401050	Gear hobbers	6	730	3	105
401070	Gear shapers	8	440	0	0
401090	Gear cutting machines, n.e.c.	22	5986	6	1579
405060	Gear grinding or finishing machines	5	987	2	154
500050	Sawing or cutting-off machines, NC	18	1283	11	647
500090	Sawing or cutting-off machines, non-NC	241	3329	76	1084
9000000001	Metal cutting machine tools, n.e.c.	285	5568	124	2438
9800000001	Used or rebuilt machine tools	1734	17508	561	5628
9900000001	Machine tools valued at less than $3,025	11483	5036	4479	1974
	Cutting Total			5913	42008
	Y-T-D Cutting Total	15547	134765		
	NC Y-T-D Cutting Total*	390	53919		

Please see notes on last page of the metal forming section.

U.S. EXPORTS
Metal Cutting Machine Tools - March 92

	Australia		Austria		Belgium		Brazil		Canada	
	Units	$000	Units	$000	Units	$000	Units	$000	Units	$000
8456300000	0	0	0	0	1	38	2	148	0	0
8457100015	0	0	0	0	0	0	0	0	1	183
100025	0	0	0	0	0	0	0	0	2	171
100035	0	0	0	0	0	0	0	0	0	0
100045	0	0	0	0	0	0	0	0	2	389
200010	0	0	0	0	0	0	0	0	0	0
200090	0	0	0	0	0	0	0	0	0	0
300010	0	0	0	0	0	0	0	0	0	0
300090	0	0	0	0	0	0	0	0	0	0
8458110010	0	0	0	0	0	0	0	0	6	472
110030	0	0	0	0	0	0	0	0	1	118
110050	0	0	0	0	0	0	0	0	6	966
110090	0	0	0	0	0	0	0	0	1	135
190030	0	0	0	0	0	0	0	0	0	0
190050	0	0	0	0	0	0	0	0	2	11
190070	0	0	0	0	0	0	0	0	0	0
190090	4	50	0	0	0	0	0	0	6	75
911060	0	0	0	0	0	0	0	0	0	0
911080	0	0	0	0	0	0	0	0	0	0
915050	0	0	0	0	0	0	0	0	0	0
915070	0	0	0	0	0	0	0	0	0	0
991050	0	0	0	0	0	0	0	0	2	24
995090	0	0	0	0	0	0	0	0	1	18
8459100000	0	0	0	0	0	0	0	0	0	0
210080	0	0	0	0	0	0	0	0	0	0
290040	0	0	0	0	0	0	0	0	1	49
290050	0	0	0	0	0	0	0	0	2	21
290070	0	0	0	0	0	0	0	0	1	31
290090	0	0	0	0	0	0	0	0	34	290
310010	0	0	0	0	0	0	0	0	0	0
310040	0	0	0	0	0	0	0	0	0	0
310070	0	0	0	0	0	0	0	0	0	0
390040	0	0	0	0	0	0	0	0	0	0
390050	0	0	0	0	0	0	0	0	0	0
400040	0	0	0	0	0	0	0	0	0	0
400050	0	0	0	0	0	0	0	0	1	33
400070	0	0	0	0	0	0	1	104	0	0
400080	0	0	0	0	0	0	0	0	2	58
510080	0	0	0	0	0	0	0	0	0	0
590030	5	262	0	0	0	0	0	0	4	116
610080	0	0	0	0	0	0	0	0	0	0
690050	0	0	0	0	0	0	0	0	0	0
690070	0	0	0	0	0	0	0	0	0	0
690090	0	0	0	0	0	0	0	0	2	37
700020	0	0	0	0	0	0	0	0	0	0
700080	0	0	0	0	1	78	0	0	3	29
8460110080	0	0	0	0	0	0	0	0	1	32
190010	0	0	0	0	0	0	0	0	0	0
190050	0	0	0	0	0	0	0	0	0	0
210080	0	0	0	0	0	0	0	0	0	0
290010	0	0	0	0	0	0	0	0	0	0
290030	0	0	0	0	0	0	0	0	0	0
290050	0	0	0	0	0	0	0	0	0	0
310080	0	0	0	0	0	0	0	0	0	0
390050	1	16	0	0	0	0	1	7	15	121
400060	0	0	0	0	0	0	0	0	0	0
400080	0	0	0	0	0	0	0	0	3	42
900060	0	0	0	0	0	0	1	50	0	0
900080	0	0	0	0	0	0	0	0	20	183
8461100060	0	0	0	0	0	0	0	0	0	0
100080	0	0	0	0	0	0	0	0	0	0
200010	0	0	0	0	0	0	10	132	1	128
200090	0	0	0	0	0	0	0	0	1	17
300060	0	0	0	0	0	0	0	0	2	38
300080	0	0	0	0	0	0	0	0	0	0
401050	0	0	0	0	0	0	0	0	0	0
401070	0	0	0	0	0	0	0	0	0	0
401090	0	0	0	0	0	0	0	0	0	0
405060	0	0	0	0	0	0	0	0	1	62
500050	0	0	0	0	0	0	0	0	4	215
500090	0	0	0	0	0	0	0	0	28	360
9000000001	1	13	0	0	0	0	0	0	26	400
9800000001	5	13	2	9	0	0	8	65	180	1707
9900000001	120	79	0	0	9	8	4	3	215	217
Month Tot	136	434	2	9	11	124	27	508	577	6747
Y-T-D Tot	252	1265	3	505	39	308	100	3756	1401	22888
NC YTD Tot*	3	155	1	497	2	75	16	1996	85	13286

Please see notes on last page of the metal forming section.

U.S. EXPORTS
Metal Cutting Machine Tools - March 92

	China		France		Germany **		India		Indonesia	
	Units	$000	Units	$000	Units	$000	Units	$000	Units	$000
8456300000	0	0	0	0	2	99	0	0	0	0
8457100015	0	0	0	0	0	0	0	0	0	0
100025	0	0	0	0	0	0	0	0	0	0
100035	0	0	0	0	0	0	0	0	0	0
100045	2	64	0	0	1	85	0	0	0	0
200010	0	0	0	0	0	0	0	0	0	0
200090	0	0	0	0	0	0	0	0	0	0
300010	0	0	0	0	0	0	0	0	0	0
300090	0	0	0	0	0	0	0	0	1	4415
8458110010	0	0	0	0	0	0	0	0	0	0
110030	1	120	1	133	0	0	0	0	0	0
110050	0	0	0	0	0	0	0	0	0	0
110090	0	0	0	0	0	0	0	0	0	0
190030	0	0	0	0	0	0	0	0	0	0
190050	0	0	0	0	0	0	0	0	0	0
190070	0	0	0	0	0	0	0	0	0	0
190090	0	0	0	0	0	0	0	0	0	0
911060	0	0	0	0	0	0	0	0	0	0
911080	0	0	1	118	0	0	0	0	0	0
915050	0	0	0	0	0	0	0	0	0	0
915070	0	0	0	0	0	0	0	0	0	0
991050	0	0	0	0	0	0	0	0	0	0
995090	0	0	0	0	0	0	0	0	0	0
8459100000	0	0	0	0	0	0	0	0	0	0
210080	0	0	0	0	0	0	0	0	0	0
290040	0	0	0	0	0	0	0	0	0	0
290050	0	0	0	0	0	0	0	0	0	0
290070	0	0	0	0	0	0	0	0	0	0
290090	0	0	0	0	0	0	0	0	0	0
310010	0	0	0	0	0	0	0	0	0	0
310040	0	0	0	0	0	0	0	0	0	0
310070	0	0	0	0	0	0	0	0	0	0
390040	0	0	0	0	0	0	0	0	0	0
390050	0	0	0	0	0	0	0	0	0	0
400040	0	0	0	0	0	0	0	0	0	0
400050	0	0	0	0	0	0	0	0	0	0
400070	0	0	0	0	0	0	0	0	0	0
400080	0	0	0	0	0	0	0	0	0	0
510080	0	0	0	0	0	0	0	0	0	0
590030	0	0	0	0	0	0	0	0	0	0
610080	1	1203	0	0	1	267	0	0	0	0
690050	0	0	0	0	0	0	0	0	0	0
690070	0	0	0	0	0	0	0	0	0	0
690090	0	0	0	0	0	0	0	0	0	0
700020	0	0	0	0	0	0	0	0	0	0
700080	0	0	0	0	0	0	0	0	0	0
8460110080	0	0	0	0	2	54	0	0	0	0
190010	0	0	0	0	0	0	0	0	0	0
190050	0	0	0	0	0	0	1	124	0	0
210080	0	0	0	0	2	549	0	0	0	0
290010	0	0	0	0	0	0	0	0	0	0
290030	1	75	0	0	1	20	4	1010	0	0
290050	0	0	0	0	1	15	4	599	0	0
310080	0	0	0	0	0	0	0	0	0	0
390050	0	0	0	0	2	16	0	0	0	0
400060	0	0	0	0	0	0	0	0	0	0
400080	7	167	8	48	12	230	0	0	0	0
900060	0	0	0	0	0	0	0	0	0	0
900080	6	91	1	5	3	75	0	0	0	0
8461100060	0	0	0	0	0	0	0	0	0	0
100080	0	0	0	0	0	0	0	0	0	0
200010	0	0	0	0	0	0	0	0	0	0
200090	0	0	0	0	0	0	0	0	0	0
300060	0	0	0	0	0	0	0	0	0	0
300080	0	0	0	0	0	0	0	0	0	0
401050	0	0	0	0	1	28	0	0	0	0
401070	0	0	0	0	0	0	0	0	0	0
401090	0	0	0	0	0	0	0	0	0	0
405060	0	0	0	0	0	0	0	0	0	0
500050	0	0	0	0	0	0	0	0	0	0
500090	0	0	0	0	7	105	2	51	0	0
9000000001	0	0	1	6	0	0	0	0	0	0
9800000001	48	544	1	6	8	57	143	357	0	0
9900000001	115	122	43	26	154	80	9	8	0	0
Month Tot	181	2387	56	343	197	1682	163	2149	1	4415
Y-T-D Tot	274	11885	286	1903	708	4402	190	2730	12	4581
NC YTD Tot*	22	5334	8	898	21	1900	2	446	3	135

Please see notes on last page of the metal forming section.

U.S. EXPORTS
Metal Cutting Machine Tools - March 92

	Italy		Japan		Korea		Malaysia		Mexico	
	Units	$000	Units	$000	Units	$000	Units	$000	Units	$000
8456300000	0	0	2	125	1	60	0	0	0	0
8457100015	0	0	0	0	0	0	0	0	0	0
100025	0	0	0	0	0	0	0	0	0	0
100035	1	191	0	0	6	1408	0	0	0	0
100045	0	0	0	0	1	173	0	0	4	225
200010	0	0	0	0	0	0	0	0	0	0
200090	0	0	0	0	0	0	0	0	0	0
300010	0	0	0	0	0	0	0	0	0	0
300090	0	0	0	0	0	0	0	0	2	1519
8458110010	0	0	0	0	0	0	0	0	1	78
110030	0	0	0	0	2	136	0	0	1	84
110050	0	0	0	0	0	0	0	0	0	0
110090	0	0	0	0	0	0	0	0	0	0
190030	0	0	0	0	0	0	0	0	0	0
190050	0	0	0	0	0	0	0	0	0	0
190070	0	0	6	150	0	0	0	0	0	0
190090	1	230	1	5	0	0	0	0	8	77
911060	0	0	0	0	0	0	0	0	0	0
911080	0	0	0	0	0	0	0	0	0	0
915050	0	0	0	0	0	0	0	0	0	0
915070	0	0	0	0	0	0	0	0	1	46
991050	0	0	0	0	0	0	0	0	0	0
995090	0	0	1	14	0	0	0	0	2	180
8459100000	0	0	0	0	0	0	0	0	1	120
210080	0	0	0	0	0	0	0	0	3	81
290040	0	0	0	0	0	0	0	0	0	0
290050	0	0	0	0	0	0	0	0	0	0
290070	0	0	0	0	0	0	0	0	0	0
290090	0	0	83	371	0	0	0	0	7	33
310010	0	0	0	0	0	0	0	0	0	0
310040	0	0	0	0	0	0	0	0	0	0
310070	0	0	0	0	0	0	0	0	3	257
390040	0	0	0	0	0	0	0	0	0	0
390050	0	0	0	0	0	0	0	0	9	126
400040	0	0	0	0	0	0	0	0	0	0
400050	0	0	0	0	0	0	0	0	0	0
400070	0	0	0	0	0	0	0	0	0	0
400080	0	0	0	0	0	0	0	0	0	0
510080	0	0	0	0	0	0	0	0	0	0
590030	0	0	0	0	0	0	0	0	1	33
610080	0	0	0	0	0	0	0	0	1	47
690050	0	0	0	0	0	0	0	0	0	0
690070	0	0	0	0	0	0	0	0	1	25
690090	0	0	0	0	0	0	0	0	5	57
700020	0	0	0	0	0	0	0	0	0	0
700080	0	0	0	0	0	0	0	0	1	3
8460110080	1	133	0	0	0	0	0	0	1	37
190010	0	0	0	0	0	0	0	0	0	0
190050	0	0	0	0	0	0	1	156	0	0
210080	0	0	1	126	0	0	0	0	2	379
290010	0	0	0	0	0	0	0	0	0	0
290030	0	0	0	0	0	0	0	0	0	0
290050	1	104	0	0	0	0	0	0	3	46
310080	0	0	3	106	0	0	0	0	0	0
390050	0	0	23	150	9	57	0	0	0	0
400060	0	0	0	0	0	0	0	0	0	0
400080	0	0	0	0	1	5	0	0	2	16
900060	0	0	0	0	0	0	0	0	0	0
900080	0	0	21	302	22	389	0	0	16	142
8461100060	0	0	0	0	0	0	0	0	0	0
100080	0	0	0	0	0	0	0	0	0	0
200010	0	0	0	0	0	0	0	0	0	0
200090	0	0	0	0	0	0	0	0	0	0
300060	0	0	0	0	0	0	0	0	0	0
300080	0	0	0	0	0	0	0	0	0	0
401050	0	0	0	0	0	0	0	0	2	77
401070	0	0	0	0	0	0	0	0	0	0
401090	1	528	0	0	2	891	0	0	2	119
405060	0	0	0	0	1	92	0	0	0	0
500050	0	0	0	0	0	0	0	0	4	212
500090	1	13	5	85	3	79	0	0	12	182
9000000001	0	0	64	1461	2	23	0	0	6	81
9800000001	11	53	1	20	8	57	0	0	83	1127
9900000001	10	12	84	68	56	42	107	67	907	320
Month Tot	27	1264	295	2982	114	3412	108	223	1091	5729
Y-T-D Tot	242	3721	972	13706	459	13844	158	432	3143	15107
NC YTD Tot*	4	1465	33	2443	40	6847	0	0	39	4101

Please see notes on last page of the metal forming section.

U.S. EXPORTS
Metal Cutting Machine Tools - March 92

	Netherlands		Singapore		Spain		Switzerland		Taiwan	
	Units	$000	Units	$000	Units	$000	Units	$000	Units	$000
8456300000	0	0	0	0	0	0	0	0	1	37
8457100015	0	0	2	329	0	0	0	0	0	0
100025	0	0	0	0	0	0	0	0	0	0
100035	0	0	0	0	0	0	1	463	0	0
100045	0	0	0	0	0	0	0	0	0	0
200010	0	0	0	0	0	0	0	0	0	0
200090	0	0	0	0	0	0	0	0	0	0
300010	0	0	0	0	0	0	0	0	0	0
300090	0	0	0	0	0	0	0	0	0	0
8458110010	0	0	0	0	0	0	0	0	0	0
110030	0	0	0	0	0	0	0	0	0	0
110050	0	0	0	0	0	0	0	0	0	0
110090	0	0	0	0	0	0	0	0	0	0
190030	0	0	0	0	0	0	0	0	0	0
190050	0	0	0	0	0	0	0	0	0	0
190070	0	0	0	0	0	0	0	0	0	0
190090	0	0	0	0	0	0	0	0	0	0
911060	0	0	0	0	0	0	0	0	0	0
911080	0	0	0	0	0	0	0	0	0	0
915050	0	0	0	0	0	0	0	0	0	0
915070	0	0	0	0	0	0	0	0	1	150
991050	0	0	0	0	0	0	0	0	0	0
995090	0	0	0	0	0	0	0	0	0	0
8459100000	0	0	0	0	0	0	0	0	0	0
210080	0	0	0	0	0	0	0	0	1	86
290040	0	0	0	0	0	0	0	0	0	0
290050	0	0	0	0	0	0	0	0	0	0
290070	0	0	0	0	0	0	0	0	0	0
290090	0	0	0	0	0	0	0	0	0	0
310010	0	0	0	0	0	0	0	0	0	0
310040	0	0	0	0	0	0	0	0	0	0
310070	0	0	0	0	0	0	0	0	0	0
390040	0	0	0	0	0	0	0	0	0	0
390050	0	0	0	0	0	0	0	0	0	0
400040	0	0	0	0	0	0	0	0	0	0
400050	0	0	0	0	0	0	0	0	0	0
400070	0	0	0	0	0	0	0	0	0	0
400080	0	0	0	0	0	0	0	0	0	0
510080	0	0	0	0	0	0	0	0	0	0
590030	0	0	0	0	0	0	0	0	1	36
610080	0	0	1	80	0	0	0	0	1	1070
690050	0	0	0	0	0	0	0	0	0	0
690070	0	0	0	0	0	0	0	0	0	0
690090	0	0	0	0	0	0	0	0	0	0
700020	0	0	0	0	0	0	0	0	0	0
700080	0	0	0	0	0	0	0	0	0	0
8460110080	0	0	0	0	0	0	0	0	0	0
190010	0	0	0	0	0	0	0	0	0	0
190050	0	0	0	0	0	0	0	0	0	0
210080	0	0	0	0	0	0	0	0	0	0
290010	0	0	0	0	0	0	0	0	0	0
290030	0	0	0	0	0	0	0	0	0	0
290050	0	0	0	0	0	0	0	0	4	150
310080	0	0	0	0	0	0	0	0	0	0
390050	2	16	0	0	0	0	0	0	0	0
400060	0	0	0	0	0	0	0	0	0	0
400080	0	0	1	7	1	9	4	33	0	0
900060	0	0	0	0	0	0	0	0	0	0
900080	0	0	4	55	1	10	1	10	1	6
8461100060	0	0	0	0	0	0	0	0	0	0
100080	0	0	0	0	0	0	1	21	0	0
200010	0	0	0	0	0	0	0	0	0	0
200090	0	0	0	0	0	0	0	0	0	0
300060	0	0	0	0	0	0	0	0	0	0
300080	0	0	0	0	0	0	0	0	0	0
401050	0	0	0	0	0	0	0	0	0	0
401070	0	0	0	0	0	0	0	0	0	0
401090	0	0	0	0	0	0	0	0	0	0
405060	0	0	0	0	0	0	0	0	0	0
500050	0	0	0	0	0	0	0	0	0	0
500090	0	0	1	12	0	0	0	0	3	11
9000000001	1	9	0	0	0	0	4	45	3	38
9800000001	0	0	12	846	3	20	1	4	0	0
9900000001	10	5	281	151	67	14	13	11	148	86
Month Tot	13	31	302	1479	72	53	25	589	164	1668
Y-T-D Tot	146	1406	903	2643	150	130	164	2851	489	6237
NC YTD Tot*	12	637	5	568	0	0	8	2294	19	5141

Please see notes on last page of the metal forming section.

U.S. EXPORTS
Metal Cutting Machine Tools - March 92

	Thailand		U.K.		USSR		Venezuela		All Other	
	Units	$000	Units	$000	Units	$000	Units	$000	Units	$000
8456300000	0	0	0	0	0	0	0	0	0	0
8457100015	0	0	0	0	0	0	0	0	0	0
100025	0	0	0	0	0	0	0	0	0	0
100035	0	0	0	0	0	0	0	0	0	0
100045	1	42	0	0	0	0	0	0	2	101
200010	0	0	0	0	0	0	0	0	0	0
200090	0	0	0	0	0	0	0	0	0	0
300010	0	0	0	0	0	0	0	0	0	0
300090	0	0	0	0	0	0	0	0	0	0
8458110010	0	0	0	0	0	0	1	125	0	0
110030	0	0	0	0	0	0	1	116	0	0
110050	0	0	0	0	0	0	0	0	0	0
110090	0	0	0	0	0	0	0	0	0	0
190030	0	0	0	0	0	0	0	0	2	10
190050	0	0	0	0	0	0	0	0	0	0
190070	0	0	0	0	0	0	0	0	0	0
190090	0	0	0	0	0	0	0	0	3	22
911060	0	0	0	0	0	0	0	0	0	0
911080	0	0	0	0	0	0	0	0	0	0
915050	0	0	0	0	0	0	0	0	0	0
915070	0	0	0	0	0	0	0	0	0	0
991050	0	0	0	0	0	0	0	0	0	0
995090	0	0	0	0	0	0	0	0	0	0
8459100000	0	0	0	0	0	0	0	0	1	159
210080	0	0	0	0	0	0	0	0	0	0
290040	0	0	0	0	0	0	0	0	0	0
290050	0	0	0	0	0	0	0	0	1	17
290070	0	0	0	0	0	0	0	0	0	0
290090	0	0	0	0	0	0	0	0	11	51
310010	0	0	0	0	0	0	0	0	0	0
310040	0	0	0	0	0	0	0	0	0	0
310070	0	0	1	192	0	0	1	50	0	0
390040	0	0	0	0	0	0	0	0	0	0
390050	0	0	0	0	0	0	0	0	0	0
400040	0	0	0	0	0	0	0	0	0	0
400050	0	0	0	0	0	0	4	233	0	0
400070	0	0	0	0	0	0	0	0	0	0
400080	0	0	0	0	0	0	0	0	0	0
510080	0	0	0	0	0	0	0	0	0	0
590030	0	0	0	0	0	0	0	0	14	567
610080	0	0	0	0	0	0	0	0	2	235
690050	0	0	0	0	0	0	0	0	0	0
690070	0	0	0	0	0	0	0	0	0	0
690090	0	0	0	0	0	0	1	57	2	48
700020	0	0	1	31	0	0	0	0	0	0
700080	0	0	1	7	0	0	1	3	1	5
8460110080	1	21	0	0	0	0	0	0	6	200
190010	0	0	0	0	0	0	0	0	3	31
190050	0	0	0	0	0	0	0	0	0	0
210080	0	0	1	146	0	0	0	0	0	0
290010	0	0	1	25	0	0	0	0	0	0
290030	0	0	0	0	0	0	0	0	0	0
290050	0	0	0	0	0	0	0	0	3	55
310080	0	0	1	20	0	0	2	41	0	0
390050	0	0	0	0	0	0	0	0	1	5
400060	0	0	0	0	0	0	0	0	0	0
400080	0	0	0	0	0	0	0	0	15	163
900060	0	0	0	0	0	0	0	0	0	0
900080	0	0	11	114	0	0	19	198	11	120
8461100060	0	0	0	0	0	0	0	0	0	0
100080	2	33	1	33	0	0	0	0	9	113
200010	1	173	0	0	0	0	0	0	0	0
200090	0	0	0	0	0	0	0	0	0	0
300060	0	0	0	0	0	0	0	0	0	0
300080	0	0	3	16	0	0	0	0	0	0
401050	0	0	0	0	0	0	0	0	0	0
401070	0	0	0	0	0	0	0	0	0	0
401090	0	0	0	0	0	0	1	41	0	0
405060	0	0	0	0	0	0	0	0	0	0
500050	1	173	0	0	0	0	0	0	2	47
500090	0	0	2	16	0	0	0	0	12	172
9000000001	0	0	11	238	0	0	3	36	2	86
9800000001	1	3	4	141	0	0	1	5	41	594
9900000001	623	42	234	63	0	0	216	64	1054	485
Month Tot	630	487	272	1041	0	0	251	968	1198	3285
Y-T-D Tot	1093	957	648	4532	0	0	1260	1806	2455	13167
NC YTD Tot*	5	470	24	2641	0	0	6	378	32	2215

Please see notes on last page of the metal forming section.

U.S. EXPORTS
Metal Forming Machine Tools, Machine Tool Totals and Other Manufacturing Technology
March 92

RELEASED: May 27, 1992

Metal Forming Machine Tools		TOTAL YTD		TOTAL MO.	
		UNITS	$000	UNITS	$000
8454300010	Die casting machines	122	1493	53	596
8462100030	Headers and upsetters, including cold headers	5	3588	1	225
100050	Forging or die stamping machines, and hammers, n.e.c.	44	4093	10	1279
210080	Bending, folding, straight. or flat. mach., incl presses, NC	111	8806	39	1712
290030	Press brakes, non-NC	17	221	7	105
290040	Bending rolls, non-NC	20	786	12	569
290050	Bending, folding, straight., or flat., n.e.c., non-NC	323	11407	103	4576
310080	Shearing machines, NC	29	1869	9	727
390050	Shearing machines, non-NC	82	1660	29	602
410080	Punching or notching mach., incl. comb. punch & shear, NC	36	6010	9	1952
490050	Punching or notching mach., incl. comb. punch & sh., non-NC	140	4082	45	1363
910060	Hydraulic presses, NC	3	171	0	0
910090	Hydraulic presses, non-NC	95	2960	25	859
990030	Presses, n.e.c., NC	43	3364	11	930
990040	Presses, mechanical, non-NC	14	1467	8	483
990060	Presses, n.e.c., non-NC	151	12800	52	4126
8463100080	Draw benches for bars, tubes, profiles, wire or the like	54	1714	33	671
200080	Thread rolling machines	10	215	8	199
300080	Machines for working wire	179	4481	66	1744
900080	Metal forming machine tools, n.e.c.	500	24224	160	4638
9800000002	Used or rebuilt machine tools	751	21080	357	6937
9900000002	Machine tools valued at less than $3,025	3327	2756	1160	977
	Forming Total			2197	35268
	Y-T-D Forming Total	6056	119246		
	NC Y-T-D Forming Total	222	20220		
	Cutting and Forming Totals:				
	Monthly Total			8110	77276
	Y-T-D Total	21603	254011		
	NC Y-T-D Total*	612	74139		

Other Manufacturing Technology		TOTAL YTD		TOTAL MO.	
		UNITS	$000	UNITS	$000
1000000000	Machine tool parts and accessories	0	184987	0	70103
2000000000	Parts for working rubber or plastics - heading 8477	0	62646	0	21202
2710003070	Quenching or cutting oils	0	2018	0	783
8428900010	Industrial robots for lifting, handling, loading or unload	453	5002	216	2152
8431390090	Parts industrial robots, handling and loading - heading 8428	0	25389	0	8702
8456100000	Laser, light or photon beam for working any material	97	4850	20	1296
200000	Ultrasonic process for working any material	6	180	4	129
8477106010	Injection molding mach., for rubber or oth. thermosetting	55	4543	14	873
106070	Injection molding machines, for thermoplastics	170	18427	65	5829
200005	Extruders; rubber or other thermosetting mat., single screw	10	1380	8	279
200015	Extruders; rubber or thermosetting, other incl. multi. screw	30	2686	15	1816
200030	Extruders; thermoplastics, single screw	44	4940	7	1593
200060	Extruders; thermoplastics, other incl. multi. screw	25	2861	12	293
300000	Blow molding machines	183	16637	26	2691
400000	Vacuum-molding and other thermoforming machines	376	4310	185	1434
510010	Machines for molding or retreading pneumatic tires	1533	8643	574	3470
510090	Machines for molding or otherwise forming inner tubes	302	1302	49	407
590000	Machines for molding or otherwise forming n.e.c.	383	5941	155	1401
800000	Machines for working rubber or plastics n.e.c.	1014	26951	467	11031
8479899040	Industrial robots, n.e.c.	1433	15028	549	4955
908040	Industrial robot parts	0	7859	0	3313
8537100030	Numerical controls for controlling machine tools	438	6048	153	1974
9024100000	Machines and appliances for testing metals	0	14769	0	5670
9031100000	Machines for balancing mechanical parts	0	7508	0	1889
300000	Profile projectors	0	883	0	342
9032810040	Industrial process control instr., hydraulic or pneumatic	112379	9641	28699	3011

Note: Product code 1000000000 represents aggregated machine tool parts codes 8466100010 through 8466940000.
* "NC Y-T-D Total" does not include code 8456300000.
Note: "0" in units column with corresponding value means that unit measure is not meaningful.
n.e.c. - Not elsewhere classified.

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	Australia		Austria		Belgium		Brazil		Canada	
	Units	$000	Units	$000	Units	$000	Units	$000	Units	$000
8454300010	0	0	38	412	0	0	1	40	2	46
8462100030	0	0	0	0	0	0	1	225	0	0
100050	0	0	0	0	0	0	0	0	1	609
210080	0	0	0	0	0	0	2	80	5	228
290030	0	0	0	0	0	0	0	0	4	54
290040	0	0	0	0	0	0	0	0	2	23
290050	2	10	0	0	28	677	1	13	12	314
310080	1	59	0	0	0	0	0	0	5	524
390050	0	0	0	0	0	0	0	0	7	203
410080	0	0	0	0	0	0	0	0	3	892
490050	3	99	0	0	1	8	0	0	17	427
910060	0	0	0	0	0	0	0	0	0	0
910090	0	0	0	0	1	54	0	0	3	304
990030	0	0	0	0	0	0	0	0	1	7
990040	0	0	0	0	0	0	1	161	2	41
990060	0	0	0	0	1	15	0	0	7	160
8463100080	0	0	0	0	0	0	0	0	3	156
200080	0	0	0	0	0	0	0	0	0	0
300080	0	0	0	0	0	0	0	0	4	151
900080	1	12	0	0	0	0	10	257	14	189
9800000002	0	0	0	0	0	0	1	27	53	1458
9900000002	13	12	0	0	1	3	140	118	225	166
Month Tot	20	193	38	412	32	757	157	921	370	5950
Y-T-D Tot	60	527	43	519	184	6818	192	2062	883	16431
NC YTD Tot	1	59	0	0	3	120	2	80	29	2856
C&F Month	156	627	40	421	43	880	184	1429	947	12697
C&F Y-T-D	312	1792	46	1024	223	7126	292	5819	2284	39319
C&F NC YTD*	4	213	1	497	5	195	18	2077	114	16142

Other Manufacturing Technology

1000000000	0	2061	0	121	0	696	0	699	0	12377
2000000000	0	316	0	91	0	129	0	188	0	5104
2710003070	0	18	0	0	0	32	0	0	0	85
8428900010	0	0	0	0	1	15	0	0	16	119
8431390090	0	185	0	0	0	70	0	7	0	940
8456100000	0	0	0	0	0	0	0	0	1	81
200000	0	0	0	0	0	0	0	0	2	76
8477106010	0	0	0	0	0	0	0	0	1	70
106070	0	0	0	0	0	0	6	435	11	977
200005	0	0	0	0	0	0	0	0	4	135
200015	0	0	0	0	0	0	0	0	9	714
200030	0	0	0	0	0	0	0	0	3	139
200060	0	0	0	0	0	0	0	0	0	0
300000	0	0	0	0	2	47	0	0	1	338
400000	0	0	0	0	0	0	0	0	2	41
510010	13	91	0	0	0	0	4	84	84	2126
510090	0	0	0	0	0	0	2	50	0	0
590000	0	0	0	0	1	8	2	30	0	0
800000	2	24	0	0	1	4	9	538	81	3175
8479899040	3	286	0	0	3	131	1	4	245	1465
908040	0	70	0	0	0	22	0	0	0	436
8537100030	0	0	1	12	5	79	3	41	9	107
9024100000	0	32	0	0	0	55	0	69	0	508
9031100000	0	11	0	0	0	0	0	5	0	658
300000	0	0	0	0	0	0	0	0	0	18
9032810040	5	17	288	126	960	88	3	3	1728	307

Note: Product Code 1000000000 represents aggregated machine tool parts codes 8466100010 through 8466940000.
* "C&F NC YTD" does not include code 8456300000.
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	China		France		Germany **		India		Indonesia	
	Units	$000	Units	$000	Units	$000	Units	$000	Units	$000
8454300010	0	0	0	0	1	6	1	7	0	0
8462100030	0	0	0	0	0	0	0	0	0	0
100050	0	0	1	65	0	0	0	0	0	0
210080	3	117	1	44	0	0	0	0	0	0
290030	0	0	0	0	0	0	0	0	0	0
290040	0	0	0	0	0	0	0	0	0	0
290050	0	0	2	101	3	78	0	0	0	0
310080	0	0	0	0	0	0	0	0	0	0
390050	0	0	0	0	3	42	0	0	0	0
410080	0	0	1	250	1	166	0	0	0	0
490050	0	0	0	0	2	26	0	0	0	0
910060	0	0	0	0	0	0	0	0	0	0
910090	0	0	1	6	0	0	0	0	0	0
990030	0	0	0	0	0	0	0	0	0	0
990040	1	53	0	0	2	20	0	0	0	0
990060	0	0	0	0	5	1385	1	25	0	0
8463100080	0	0	0	0	14	231	0	0	0	0
200080	0	0	8	199	0	0	0	0	0	0
300080	0	0	7	167	11	178	0	0	0	0
900080	0	0	6	407	3	40	3	74	0	0
9800000002	1	20	0	0	6	51	2	42	1	270
9900000002	0	0	31	26	63	52	21	12	0	0
Month Tot	5	190	58	1264	114	2276	28	161	1	270
Y-T-D Tot	24	1252	147	5651	292	9007	59	372	13	590
NC YTD Tot	14	1163	3	319	5	479	0	0	0	0
C&F Month	186	2577	114	1607	311	3958	191	2311	2	4685
C&F Y-T-D	298	13137	433	7554	1000	13403	249	3102	25	5172
C&F NC YTD*	36	6497	11	1217	26	2379	2	446	3	135

Other Manufacturing Technology

1000000000	0	1912	0	1771	0	6454	0	884	0	49
2000000000	0	171	0	497	0	1197	0	102	0	30
2710003070	0	0	0	28	0	50	0	42	0	12
8428900010	0	0	0	0	0	0	0	0	0	0
8431390090	0	278	0	1510	0	90	0	79	0	502
8456100000	0	0	0	0	0	0	0	0	0	0
200000	0	0	0	0	0	0	1	20	0	0
8477106010	1	38	0	0	0	0	0	0	0	0
106070	0	0	0	0	26	2419	0	0	0	0
200005	0	0	0	0	0	0	0	0	0	0
200015	0	0	0	0	1	30	0	0	0	0
200030	0	0	0	0	0	0	0	0	0	0
200060	0	0	0	0	0	0	0	0	0	0
300000	0	0	0	0	3	36	0	0	0	0
400000	0	0	25	8	0	0	0	0	0	0
510010	0	0	0	0	0	0	0	0	0	0
510090	0	0	0	0	0	0	0	0	0	0
590000	0	0	1	9	6	95	0	0	0	0
800000	1	83	0	0	2	27	0	0	2	18
8479899040	0	0	119	825	63	871	0	0	0	0
908040	0	0	0	370	0	356	0	0	0	3
8537100030	21	150	15	192	9	116	1	16	0	0
9024100000	0	0	0	136	0	262	0	19	0	0
9031100000	0	0	0	3	0	20	0	0	0	0
300000	0	0	0	9	0	68	0	10	0	0
9032810040	260	13	412	57	3376	313	105	9	0	0

Note: Product Code 1000000000 represents aggregated machine tool parts codes 8466100010 through 8466940000.
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	Italy		Japan		Korea		Malaysia		Mexico	
	Units	$000	Units	$000	Units	$000	Units	$000	Units	$000
8454300010	0	0	0	0	1	7	0	0	2	40
8462100030	0	0	0	0	0	0	0	0	0	0
100050	1	175	2	142	0	0	0	0	3	190
210080	1	25	1	46	0	0	0	0	6	334
290030	0	0	0	0	0	0	0	0	1	43
290040	0	0	0	0	0	0	0	0	7	410
290050	0	0	0	0	11	1158	0	0	18	1530
310080	0	0	0	0	0	0	0	0	3	144
390050	0	0	0	0	0	0	0	0	15	282
410080	0	0	0	0	1	181	0	0	1	110
490050	2	285	2	303	0	0	0	0	8	118
910060	0	0	0	0	0	0	0	0	0	0
910090	0	0	0	0	2	27	0	0	12	265
990030	0	0	1	230	0	0	7	455	1	8
990040	0	0	1	141	0	0	0	0	0	0
990060	2	50	2	1141	0	0	1	199	23	490
8463100080	0	0	0	0	0	0	0	0	11	178
200080	0	0	0	0	0	0	0	0	0	0
300080	0	0	5	629	0	0	0	0	5	128
900080	0	0	4	99	9	280	0	0	21	111
9800000002	0	0	2	50	27	233	0	0	183	3560
9900000002	0	0	66	49	12	11	3	3	232	238
Month Tot	6	535	86	2829	63	1896	11	656	552	8177
Y-T-D Tot	159	1262	472	8002	228	9493	35	808	1436	21677
NC YTD Tot	3	154	6	630	18	3119	7	455	43	3256
C&F Month	33	1799	381	5812	177	5308	119	879	1643	13906
C&F Y-T-D	401	4983	1444	21707	687	23338	193	1240	4579	36734
C&F NC YTD*	7	1619	39	3072	58	9966	7	455	82	7357

Other Manufacturing Technology

1000000000	0	1992	0	9824	0	6011	0	584	0	4512
2000000000	0	584	0	1287	0	742	0	79	0	2202
2710003070	0	0	0	77	0	60	0	0	0	15
8428900010	75	744	3	23	0	0	0	0	0	0
8431390090	0	27	0	85	0	79	0	0	0	461
8456100000	1	16	2	398	8	365	0	0	1	64
200000	0	0	0	0	0	0	0	0	0	0
8477106010	0	0	0	0	0	0	0	0	11	678
106070	0	0	0	0	0	0	0	0	5	535
200005	0	0	0	0	0	0	0	0	1	28
200015	0	0	0	0	0	0	0	0	3	826
200030	0	0	0	0	0	0	0	0	2	75
200060	0	0	0	0	0	0	0	0	10	232
300000	0	0	0	0	0	0	3	480	6	1105
400000	0	0	76	550	12	105	0	0	20	304
510010	0	0	0	0	0	0	0	0	6	69
510090	0	0	2	14	0	0	0	0	0	0
590000	2	75	8	203	1	14	0	0	100	384
800000	2	11	2	119	41	611	0	0	133	2960
8479899040	23	228	10	205	5	34	1	8	4	142
908040	0	44	0	1403	0	9	0	0	0	51
8537100030	5	58	3	36	2	27	1	12	3	29
9024100000	0	30	0	1095	0	200	0	0	0	92
9031100000	0	12	0	107	0	520	0	0	0	253
300000	0	9	0	3	0	66	0	0	0	8
9032810040	616	182	3098	276	4719	243	80	4	444	50

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	Netherlands		Singapore		Spain		Switzerland		Taiwan	
	Units	$000	Units	$000	Units	$000	Units	$000	Units	$000
8454300010	2	10	0	0	0	0	0	0	0	0
8462100030	0	0	0	0	0	0	0	0	0	0
100050	0	0	0	0	0	0	0	0	0	0
210080	0	0	0	0	0	0	0	0	2	92
290030	0	0	0	0	0	0	0	0	0	0
290040	0	0	0	0	0	0	0	0	3	136
290050	1	5	0	0	0	0	0	0	0	0
310080	0	0	0	0	0	0	0	0	0	0
390050	0	0	0	0	0	0	0	0	0	0
410080	0	0	0	0	0	0	0	0	1	143
490050	1	12	0	0	0	0	0	0	1	5
910060	0	0	0	0	0	0	0	0	0	0
910090	0	0	0	0	0	0	0	0	0	0
990030	0	0	0	0	0	0	0	0	0	0
990040	0	0	0	0	0	0	0	0	1	68
990060	0	0	1	122	0	0	2	70	1	247
8463100080	0	0	0	0	0	0	4	100	0	0
200080	0	0	0	0	0	0	0	0	0	0
300080	0	0	1	10	0	0	2	41	3	15
900080	5	117	0	0	0	0	0	0	25	609
9800000002	0	0	6	347	0	0	6	8	1	148
9900000002	7	6	49	47	0	0	25	22	0	0
Month Tot	16	149	57	526	0	0	39	241	38	1462
Y-T-D Tot	64	672	116	1614	17	498	135	1392	72	3917
NC YTD Tot	2	175	1	58	0	0	12	1003	17	1241
C&F Month	29	179	359	2005	72	53	64	830	202	3130
C&F Y-T-D	210	2078	1019	4257	167	629	299	4243	561	10153
C&F NC YTD*	14	812	6	626	0	0	20	3297	36	6381

Other Manufacturing Technology

1000000000	0	1236	0	629	0	648	0	723	0	793
2000000000	0	447	0	382	0	163	0	159	0	196
2710003070	0	0	0	12	0	4	0	4	0	33
8428900010	0	0	0	0	0	0	0	0	3	73
8431390090	0	51	0	57	0	3	0	0	0	212
8456100000	2	122	0	0	0	0	1	125	0	0
200000	0	0	0	0	0	0	0	0	0	0
8477106010	0	0	0	0	0	0	0	0	0	0
106070	0	0	0	0	0	0	0	0	0	0
200005	0	0	0	0	0	0	0	0	3	103
200015	0	0	0	0	0	0	0	0	0	0
200030	0	0	0	0	0	0	0	0	0	0
200060	0	0	0	0	0	0	0	0	0	0
300000	0	0	0	0	0	0	0	0	0	0
400000	0	0	25	211	0	0	0	0	0	0
510010	351	286	1	7	0	0	0	0	0	0
510090	0	0	0	0	0	0	0	0	0	0
590000	3	65	0	0	4	12	0	0	4	150
800000	2	57	92	948	0	0	0	0	0	0
8479899040	6	39	1	5	0	0	23	260	0	0
908040	0	0	0	6	0	0	0	44	0	0
8537100030	2	34	2	32	0	0	0	0	0	0
9024100000	0	34	0	977	0	27	0	46	0	519
9031100000	0	0	0	37	0	0	0	0	0	0
300000	0	0	0	7	0	0	0	23	0	20
9032810040	2780	265	686	71	906	95	2	4	290	15

Note: Product Code 1000000000 represents aggregated machine tool parts codes 8466100010 through 8466940000.
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	Thailand		U.K.		USSR		Venezuela		All Other	
	Units	$000	Units	$000	Units	$000	Units	$000	Units	$000
8454300010	0	0	0	0	0	0	0	0	5	27
8462100030	0	0	0	0	0	0	0	0	0	0
100050	0	0	0	0	0	0	0	0	2	99
210080	0	0	12	461	0	0	0	0	6	286
290030	0	0	0	0	0	0	0	0	2	8
290040	0	0	0	0	0	0	0	0	0	0
290050	0	0	4	51	0	0	0	0	21	638
310080	0	0	0	0	0	0	0	0	0	0
390050	0	0	1	14	0	0	1	31	2	29
410080	0	0	1	211	0	0	0	0	0	0
490050	4	51	0	0	0	0	0	0	4	29
910060	0	0	0	0	0	0	0	0	0	0
910090	0	0	3	106	0	0	0	0	3	98
990030	0	0	0	0	0	0	0	0	1	231
990040	0	0	0	0	0	0	0	0	0	0
990060	0	0	4	38	0	0	2	185	0	0
8463100080	0	0	0	0	0	0	0	0	1	6
200080	0	0	0	0	0	0	0	0	0	0
300080	0	0	1	37	0	0	0	0	27	389
900080	0	0	1	7	2	46	5	125	51	2265
9800000002	2	24	3	253	0	0	14	54	49	393
9900000002	45	13	75	67	0	0	30	20	122	113
Month Tot	51	88	105	1244	2	46	52	415	296	4610
Y-T-D Tot	78	2982	357	6685	9	122	63	1064	918	15829
NC YTD Tot	1	682	21	1918	0	0	0	0	34	2452
C&F Month	681	575	377	2286	2	46	303	1383	1494	7894
C&F Y-T-D	1171	3940	1005	11217	9	122	1323	2870	3373	28996
C&F NC YTD*	6	1152	45	4558	0	0	6	378	66	4667

Other Manufacturing Technology

1000000000	0	323	0	4420	0	0	0	751	0	10633
2000000000	0	94	0	2349	0	0	0	346	0	4349
2710003070	0	7	0	5	0	0	0	43	0	259
8428900010	0	0	117	1170	0	0	0	0	1	9
8431390090	0	111	0	2849	0	0	0	135	0	970
8456100000	0	0	4	126	0	0	0	0	0	0
200000	0	0	0	0	0	0	0	0	1	33
8477106010	0	0	0	0	0	0	0	0	1	87
106070	0	0	13	874	0	0	0	0	4	588
200005	0	0	0	0	0	0	0	0	0	13
200015	0	0	0	0	0	0	0	0	2	247
200030	0	0	0	0	0	0	0	0	2	1379
200060	0	0	0	0	0	0	1	25	1	36
300000	0	0	5	103	0	0	0	0	6	583
400000	0	0	16	135	0	0	0	0	9	81
510010	0	0	0	0	0	0	0	0	115	807
510090	11	97	0	0	0	0	0	0	34	245
590000	2	32	0	0	0	0	5	82	16	243
800000	3	45	32	461	0	0	3	72	59	1877
8479899040	0	0	29	350	0	0	0	0	13	101
908040	0	0	0	332	0	0	0	0	0	165
8537100030	1	15	65	942	0	0	0	0	5	75
9024100000	0	0	0	1351	0	0	0	0	0	218
9031100000	0	0	0	0	0	0	0	0	0	263
300000	0	28	0	55	0	0	0	0	0	19
9032810040	0	0	2970	384	3	17	711	63	4257	412

Note: Product Code 1000000000 represents aggregated machine tool parts codes 8466100010 through 8466940000.
* "C&F NC YTD" does not include code 8456300000.
Note: "0" in units column with corresponding value means that unit measure is not meaningful.

U.S. EXPORTS
Metal Cutting and Metal Forming Machine Tool Totals
March 92

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
EUROPE						
Bulgaria	0	0	0	0	0	0
Czechoslovakia	1	10	0	0	1	10
Denmark	5	23	8	13	13	36
Finland	41	7	18	18	59	24
Greece	2	3	1	139	3	142
Hungary	8	12	0	0	8	12
Iceland	0	0	0	0	0	0
Ireland	5	259	0	0	5	259
Luxembourg	0	0	0	0	0	0
Norway	1	19	0	0	1	19
Poland	0	0	2	3	2	3
Portugal	1	70	0	0	1	70
Romania	0	0	0	0	0	0
Sweden	29	223	20	75	49	298
Turkey	0	0	2	814	2	814
Yugoslavia	0	0	0	0	0	0
Oth Europe	0	0	8	32	8	32
TOTAL	768	5762	469	8019	1237	13780
NORTH AND CENTRAL AMERICA						
Bahamas	0	0	0	0	0	0
Barbados	0	0	1	13	1	13
Belize	0	0	0	0	0	0
Bermuda	0	0	0	0	0	0
Costa Rica	34	282	9	35	43	317
Dominican Rep	9	42	1	3	10	45
El Salvador	7	24	7	141	14	165
Guatemala	16	31	0	0	16	31
Haiti	0	0	0	0	0	0
Honduras	0	0	15	86	15	86
Jamaica	0	0	15	147	15	147
Panama	287	28	4	3	291	32
Trinidad	10	6	0	0	10	6
Oth N & C Am.	4	38	2	16	6	54
TOTAL	2035	12927	976	14570	3011	27497
SOUTH AMERICA						
Argentina	17	146	30	171	47	317
Bolivia	0	0	0	0	0	0
Chile	24	529	15	125	39	654
Colombia	26	96	15	115	41	211
Ecuador	30	49	1	9	31	57
Paraguay	0	0	0	0	0	0
Peru	0	0	3	28	3	28
Uruguay	2	7	0	0	2	7
Oth South Am.	0	0	1	7	1	7
TOTAL	377	2303	274	1791	651	4094
OCEANIA						
New Zealand	2	235	0	0	2	235
Oth Oceania	0	0	0	0	0	0
TOTAL	138	669	20	193	158	862

U.S. EXPORTS
Metal Cutting and Metal Forming Machine Tool Totals
March 92

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
ASIA						
Bangladesh	0	0	0	0	0	0
Hong Kong	183	468	9	56	192	524
Iran	0	0	0	0	0	0
Iraq	0	0	0	0	0	0
Israel	9	60	19	35	28	95
Jordan	0	0	2	53	2	53
Kuwait	10	27	1	182	11	209
Laos	0	0	0	0	0	0
Lebanon	0	0	0	0	0	0
Macao	0	0	0	0	0	0
Oman	0	0	3	72	3	72
Pakistan	11	29	5	226	16	255
Philippines	70	51	19	20	89	71
Qatar	0	0	0	0	0	0
Saudi Arabia	18	70	34	1349	52	1418
Sri Lanka	0	0	0	0	0	0
Syria	0	0	8	7	8	7
United Arab Emr	81	35	0	0	81	35
Vietnam	0	0	0	0	0	0
Oth Asia	7	7	0	0	7	7
TOTAL	2347	19949	440	10078	2787	30027
AFRICA						
Algeria	0	0	1	3	1	3
Botswana	0	0	0	0	0	0
Egypt	0	0	2	250	2	250
Ethiopia	0	0	0	0	0	0
Gabon	0	0	0	0	0	0
Ghana	1	78	0	0	1	78
Guinea	0	0	0	0	0	0
Kenya	0	0	0	0	0	0
Malawi	0	0	0	0	0	0
Mauritius	0	0	0	0	0	0
Morocco	0	0	12	300	12	300
Niger	0	0	0	0	0	0
Nigeria	0	0	0	0	0	0
South Africa	247	320	3	65	250	385
Sudan	0	0	0	0	0	0
Swaziland	0	0	0	0	0	0
Tunisia	0	0	0	0	0	0
Zaire	0	0	0	0	0	0
Zambia	0	0	0	0	0	0
Zimbabwe	0	0	0	0	0	0
Oth Africa	0	0	0	0	0	0
TOTAL	248	398	18	618	266	1016

Note: Region totals include top countries detailed by product as well as countries listed above.
** West and East Germany are combined.
Cutting Section Notes:
Total for Metal Cutting and Metal Forming appears in Metal Forming Section.
Product Code 9000000001, Metal cutting machine tools, n.e.c., represents the total of codes: 8461900040 and 8461900080.
n.e.c. - Not elsewhere classified.
* "NC Y-T-D Cutting Total" does not include code 8456300000.

RELEASED: May 27, 1992

		TOTAL YTD		TOTAL MO.	
		UNITS	$000	UNITS	$000
8456301020	Traveling wire electro-discharge machines	201	15596	104	7608
301050	Electro-discharge machines, n.e.c., NC	42	3710	9	1129
301070	Electro-discharge machines, n.e.c., non-NC	50	711	20	261
8457100015	Vert. mach. ctrs., ATC, Y-axis travel not over 660mm (26")	482	37629	170	13268
100025	Vert. mach. ctrs., ATC, Y-axis travel over 660mm (26")	35	8043	16	4712
100035	Horizontal machining centers, ATC	108	24098	37	8676
100045	Machining centers, n.e.c.	17	4637	4	1043
200010	Unit construction mach. (single station transfer), NC	1	168	1	168
200090	Unit construction mach. (single station transfer), non-NC	5	667	1	129
300010	Multi-station transfer machines, NC	13	16052	0	0
300090	Multi-station transfer machines, non-NC	18	6065	7	1040
8458110010	Horizontal lathes, multiple spindle, NC	73	10978	31	4889
110030	Horiz. lathes, power rating under 18.65 kW (25 HP), NC	486	33046	169	11898
110050	Horiz. lathes, power rating 18.65-37.3 kW (25-50 HP), NC	103	16503	32	4996
110090	Horiz. lathes, power rating over 37.3 kW (50 HP), NC	11	4093	3	1289
190030	Horizontal engine or toolroom lathes, non-NC	520	4973	194	1720
190050	Automatic bar and/or chucking mach., single spindle, non-NC	33	1446	3	74
190070	Automatic bar and/or chucking mach., mult. spindle, non-NC	8	923	2	61
190090	Horizontal lathes, n.e.c., non-NC	22	390	12	265
911060	Vertical turret lathes, multiple spindle, NC	8	1763	4	776
911080	Vertical turret lathes, n.e.c., NC	16	2305	10	1983
915050	Vertical lathes, excl. VTL's, multiple spindle, NC	0	0	0	0
915070	Vertical lathes, excluding VTL's, n.e.c., NC	14	2145	4	1273
991050	Vertical turret lathes, non-NC	10	427	2	88
995090	Vertical lathes, n.e.c., excl. VTL's, non-NC	105	4740	29	2472
8459100000	Way-type unit head machines	2	84	0	0
210080	Other drilling machines, NC	34	3264	11	494
290040	Drilling machines, multiple spindle, non-NC	81	2502	0	0
290050	Drilling machines, radial, non-NC	27	322	7	60
290070	Drilling, upright, ex. sensitive, turret & deep hole, non-NC	9	106	6	47
290090	Drilling machines, n.e.c., non-NC	86	3491	12	2154
310010	Boring-milling mach., horiz. spind., table, excl. planer, NC	5	949	1	240
310040	Boring-milling mach., horiz. spindle, n.e.c., NC	15	2628	7	1495
310070	Boring-milling machines, n.e.c., NC	1	170	1	170
390040	Boring-milling mach., horiz. spindle, n.e.c., non-NC	6	363	1	24
390050	Boring-milling mach., excl. horiz. spindle, n.e.c., non-NC	33	1351	20	1023
400040	Boring machines, vertical, NC	3	675	2	256
400050	Boring machines, vertical, non-NC	18	247	2	162
400070	Boring machines, n.e.c., NC	0	0	0	0
400080	Boring machines, n.e.c., non-NC	25	1809	11	369
510080	Milling machines, knee type, NC	70	1481	21	322
590030	Milling machines, knee type, non-NC	417	3928	178	1345
610080	Milling machines, excluding knee type, n.e.c., NC	36	3645	22	1180
690050	Milling machines, profile, dup., or die sinking, non-NC	3	14	3	14
690070	Milling machines, bed type, non-NC	20	713	1	37
690090	Milling machines, n.e.c., non-NC	34	950	19	433
700020	Threading or tapping machines, n.e.c., NC	104	5673	36	1502
700080	Threading or tapping machines, n.e.c., non-NC	10	166	2	31
8460110080	Flat surface grinding machines, NC	27	1293	10	227
190010	Flat surface grinding mach., recip.-table type, non-NC	241	3759	114	2090
190050	Flat surface grinding machines, n.e.c., non-NC	197	4270	64	691
210080	Grinding mach., of an accuracy at least 0.01mm, n.e.c., NC	69	18547	25	4882
290010	Grinding mach., external cylindrical, (incl. univ.), non-NC	40	1560	8	499
290030	Grinding machines, internal cylindrical, non-NC	21	3331	4	1179
290050	Grinding mach., of accuracy at least 0.01mm, n.e.c., non-NC	166	9079	61	3869
310080	Sharpening machines (tool & cutter grinding), NC	48	1668	18	636
390050	Sharpening machines (tool & cutter grinding), non-NC	238	1879	49	469
400060	Honing or lapping machines, NC	5	356	2	109
400080	Honing or lapping machines, non-NC	40	3998	6	211
900060	Grinding, honing, polishing, & lapping mach., n.e.c., NC	4	294	1	114
900080	Grinding, honing, polishing, & lapping mach., n.e.c., non-NC	252	5914	113	1785
8461100060	Planing machines, NC	0	0	0	0
100080	Planing machines, non-NC	0	0	0	0
200010	Shaping or slotting machines, NC	3	115	0	0
200090	Shaping or slotting machines, non-NC	16	1821	5	66
300060	Broaching machines, NC	2	403	1	54
300080	Broaching machines, non-NC	5	4897	1	3196
401020	Gear cutting for bevel gears	0	0	0	0
401030	Gear hobbers	16	5372	4	354
401040	Gear shapers	3	46	0	0
401060	Gear cutting machines, n.e.c.	35	161	13	5
405050	Gear grinding or finishing for bevel gears	2	1010	1	77
405070	Gear grinding or finishing machines, n.e.c.	8	1540	5	871
500050	Sawing or cutting-off machines, NC	18	1776	12	1624
500090	Sawing or cutting-off machines, non-NC	314	5261	77	1176
9000000001	Metal cutting machine tools, n.e.c.	63	4481	17	1596
9800000001	Used or rebuilt machine tools	1756	11096	152	5085
9900000001	Machine tools valued at less than $3,025	242270	20830	70379	6524
	Cutting Total			72369	118562
	Y-T-D Cutting Total	249279	350403		
	NC Y-T-D Cutting Total	2064	225363		

Please see notes on last page of the metal forming section.

	Belgium		Brazil		Canada		France		Germany **	
	Units	$000	Units	$000	Units	$000	Units	$000	Units	$000
8456301020	0	0	0	0	0	0	0	0	0	0
301050	0	0	0	0	0	0	0	0	1	86
301070	0	0	0	0	0	0	0	0	0	0
8457100015	0	0	0	0	0	0	0	0	4	216
100025	0	0	0	0	0	0	0	0	7	1874
100035	0	0	0	0	0	0	0	0	8	1556
100045	0	0	0	0	0	0	0	0	2	214
200010	0	0	0	0	1	168	0	0	0	0
200090	0	0	0	0	0	0	0	0	0	0
300010	0	0	0	0	0	0	0	0	0	0
300090	0	0	0	0	0	0	0	0	0	0
8458110010	0	0	0	0	0	0	0	0	3	567
110030	0	0	0	0	0	0	0	0	0	0
110050	0	0	0	0	0	0	1	70	0	0
110090	0	0	0	0	0	0	0	0	0	0
190030	0	0	9	66	0	0	0	0	0	0
190050	0	0	0	0	0	0	0	0	0	0
190070	0	0	0	0	0	0	0	0	1	38
190090	0	0	0	0	0	0	0	0	0	0
911060	0	0	0	0	0	0	0	0	0	0
911080	0	0	0	0	0	0	1	1320	0	0
915050	0	0	0	0	0	0	0	0	0	0
915070	0	0	0	0	0	0	0	0	0	0
991050	0	0	0	0	0	0	0	0	0	0
995090	0	0	0	0	0	0	0	0	9	1354
8459100000	0	0	0	0	0	0	0	0	0	0
210080	0	0	0	0	0	0	0	0	0	0
290040	0	0	0	0	0	0	0	0	0	0
290050	0	0	0	0	0	0	0	0	0	0
290070	0	0	0	0	0	0	0	0	1	21
290090	0	0	0	0	0	0	0	0	1	7
310010	0	0	0	0	0	0	0	0	0	0
310040	0	0	0	0	0	0	0	0	5	532
310070	0	0	0	0	0	0	0	0	1	170
390040	0	0	0	0	1	24	0	0	0	0
390050	0	0	0	0	0	0	0	0	2	152
400040	0	0	0	0	0	0	0	0	0	0
400050	0	0	0	0	0	0	0	0	0	0
400070	0	0	0	0	0	0	0	0	0	0
400080	0	0	0	0	0	0	0	0	1	10
510080	0	0	0	0	0	0	0	0	0	0
590030	0	0	0	0	0	0	0	0	13	162
610080	0	0	0	0	0	0	0	0	8	481
690050	0	0	0	0	0	0	0	0	0	0
690070	0	0	0	0	0	0	0	0	0	0
690090	0	0	0	0	0	0	0	0	0	0
700020	0	0	0	0	0	0	0	0	0	0
700080	0	0	0	0	0	0	0	0	0	0
8460110080	0	0	0	0	1	35	0	0	1	19
190010	0	0	0	0	0	0	0	0	0	0
190050	0	0	1	15	0	0	0	0	0	0
210080	0	0	0	0	0	0	0	0	8	1845
290010	0	0	0	0	0	0	0	0	0	0
290030	0	0	0	0	0	0	0	0	2	710
290050	0	0	0	0	1	14	0	0	16	1402
310080	0	0	0	0	0	0	0	0	5	228
390050	0	0	0	0	5	41	0	0	4	130
400060	0	0	0	0	0	0	0	0	0	0
400080	0	0	0	0	0	0	0	0	0	0
900060	0	0	0	0	0	0	0	0	0	0
900080	0	0	0	0	1	24	22	85	20	495
8461100060	0	0	0	0	0	0	0	0	0	0
100080	0	0	0	0	0	0	0	0	0	0
200010	0	0	0	0	0	0	0	0	0	0
200090	0	0	0	0	0	0	0	0	0	0
300060	0	0	0	0	0	0	0	0	0	0
300080	0	0	0	0	0	0	0	0	0	0
401020	0	0	0	0	0	0	0	0	0	0
401030	0	0	0	0	0	0	0	0	3	344
401040	0	0	0	0	0	0	0	0	0	0
401060	0	0	0	0	0	0	0	0	0	0
405050	0	0	0	0	0	0	0	0	0	0
405070	0	0	0	0	0	0	0	0	2	165
500050	0	0	0	0	0	0	0	0	0	0
500090	0	0	0	0	28	271	1	35	11	165
9000000001	0	0	0	0	4	14	3	23	3	598
9800000001	1	103	0	0	32	2001	1	18	31	920
9900000001	0	0	0	0	128	46	116	185	257	315
Month Tot	1	103	10	81	202	2638	145	1736	430	14775
Y-T-D Tot	5	174	89	1835	506	6753	304	2413	1439	63233
NC YTD Tot	0	0	13	1143	17	2557	4	1417	129	34241

Please see notes on last page of the metal forming section.

U.S. IMPORTS - Metal Cutting Machine Tools - March 92

	Italy		Japan		Korea		Singapore		Spain	
	Units	$000	Units	$000	Units	$000	Units	$000	Units	$000
8456301020	0	0	55	5087	0	0	0	0	0	0
301050	0	0	5	722	0	0	0	0	0	0
301070	0	0	6	87	0	0	0	0	0	0
8457100015	0	0	101	9542	2	80	13	678	0	0
100025	0	0	4	2232	0	0	0	0	0	0
100035	0	0	28	7049	0	0	0	0	0	0
100045	0	0	2	829	0	0	0	0	0	0
200010	0	0	0	0	0	0	0	0	0	0
200090	0	0	0	0	0	0	0	0	0	0
300010	0	0	0	0	0	0	0	0	0	0
300090	0	0	0	0	0	0	0	0	0	0
8458110010	0	0	28	4322	0	0	0	0	0	0
110030	0	0	104	9099	11	660	0	0	0	0
110050	0	0	29	4684	0	0	0	0	0	0
110090	1	823	1	173	0	0	0	0	0	0
190030	0	0	1	57	0	0	11	131	0	0
190050	0	0	0	0	0	0	0	0	0	0
190070	0	0	0	0	0	0	0	0	0	0
190090	2	8	2	144	0	0	0	0	0	0
911060	0	0	4	776	0	0	0	0	0	0
911080	0	0	1	154	1	119	0	0	1	79
915050	0	0	0	0	0	0	0	0	0	0
915070	0	0	4	1273	0	0	0	0	0	0
991050	0	0	2	88	0	0	0	0	0	0
995090	1	19	2	229	11	773	0	0	0	0
8459100000	0	0	0	0	0	0	0	0	0	0
210080	0	0	11	494	0	0	0	0	0	0
290040	0	0	0	0	0	0	0	0	0	0
290050	0	0	0	0	0	0	0	0	0	0
290070	0	0	5	26	0	0	0	0	0	0
290090	0	0	9	2138	0	0	0	0	0	0
310010	0	0	1	240	0	0	0	0	0	0
310040	0	0	0	0	0	0	0	0	0	0
310070	0	0	0	0	0	0	0	0	0	0
390040	0	0	0	0	0	0	0	0	0	0
390050	0	0	0	0	0	0	0	0	0	0
400040	0	0	0	0	0	0	0	0	0	0
400050	2	162	0	0	0	0	0	0	0	0
400070	0	0	0	0	0	0	0	0	0	0
400080	8	87	1	169	0	0	0	0	0	0
510080	0	0	0	0	0	0	3	111	0	0
590030	0	0	0	0	0	0	0	0	81	663
610080	0	0	2	220	0	0	2	69	0	0
690050	0	0	0	0	0	0	0	0	0	0
690070	0	0	1	37	0	0	0	0	0	0
690090	0	0	7	363	0	0	0	0	0	0
700020	0	0	22	1152	0	0	0	0	0	0
700080	0	0	2	31	0	0	0	0	0	0
8460110080	0	0	1	115	0	0	0	0	0	0
190010	2	40	8	692	0	0	69	862	0	0
190050	1	5	3	89	0	0	0	0	0	0
210080	0	0	8	2130	0	0	0	0	0	0
290010	0	0	0	0	0	0	0	0	0	0
290030	0	0	0	0	0	0	0	0	0	0
290050	15	222	9	490	0	0	0	0	0	0
310080	0	0	6	19	0	0	0	0	0	0
390050	0	0	26	94	0	0	0	0	0	0
400060	0	0	2	109	0	0	0	0	0	0
400080	0	0	5	202	0	0	0	0	0	0
900060	0	0	0	0	0	0	0	0	0	0
900080	2	86	25	653	0	0	0	0	0	0
8461100060	0	0	0	0	0	0	0	0	0	0
100080	0	0	0	0	0	0	0	0	0	0
200010	0	0	0	0	0	0	0	0	0	0
200090	4	32	1	34	0	0	0	0	0	0
300060	0	0	0	0	0	0	0	0	0	0
300080	0	0	0	0	0	0	0	0	0	0
401020	0	0	0	0	0	0	0	0	0	0
401030	0	0	0	0	0	0	0	0	0	0
401040	0	0	0	0	0	0	0	0	0	0
401060	2	2	0	0	0	0	0	0	0	0
405050	0	0	0	0	0	0	0	0	0	0
405070	0	0	3	706	0	0	0	0	0	0
500050	1	19	0	0	0	0	0	0	0	0
500090	3	23	7	312	6	202	0	0	2	8
9000000001	3	13	2	906	0	0	0	0	0	0
9800000001	3	56	26	1066	7	20	0	0	0	0
9900000001	3108	580	6849	1119	2205	199	0	0	0	0
Month Tot	3158	2177	7421	60151	2243	2053	98	1851	84	751
Y-T-D Tot	7990	7923	21264	173470	4546	6670	284	5126	315	3095
NC YTD Tot	12	4315	1230	142587	46	2954	51	2879	1	79

Please see notes on last page of the metal forming section.

U.S. IMPORTS - Metal Cutting Machine Tools - March 92

	Sweden		Switzerland		Taiwan		U.K.		All Other	
	Units	$000	Units	$000	Units	$000	Units	$000	Units	$000
8456301020	0	0	14	1341	0	0	0	0	35	1179
301050	0	0	2	278	0	0	0	0	1	42
301070	0	0	0	0	13	163	1	11	0	0
8457100015	0	0	0	0	20	1030	21	1182	9	541
100025	0	0	0	0	1	63	0	0	4	543
100035	0	0	0	0	1	71	0	0	0	0
100045	0	0	0	0	0	0	0	0	0	0
200010	0	0	0	0	0	0	0	0	0	0
200090	0	0	0	0	0	0	0	0	1	129
300010	0	0	0	0	0	0	0	0	0	0
300090	0	0	7	1040	0	0	0	0	0	0
8458110010	0	0	0	0	0	0	0	0	0	0
110030	0	0	3	403	17	669	11	487	23	580
110050	0	0	0	0	1	69	1	173	0	0
110090	0	0	0	0	0	0	0	0	1	293
190030	0	0	10	35	21	284	17	214	125	934
190050	0	0	1	63	0	0	0	0	2	11
190070	0	0	0	0	0	0	1	23	0	0
190090	0	0	0	0	1	10	5	76	2	27
911060	0	0	0	0	0	0	0	0	0	0
911080	0	0	0	0	0	0	6	311	0	0
915050	0	0	0	0	0	0	0	0	0	0
915070	0	0	0	0	0	0	0	0	0	0
991050	0	0	0	0	0	0	0	0	0	0
995090	0	0	0	0	2	54	3	33	1	12
8459100000	0	0	0	0	0	0	0	0	0	0
210080	0	0	0	0	0	0	0	0	0	0
290040	0	0	0	0	0	0	0	0	0	0
290050	0	0	0	0	6	42	0	0	1	18
290070	0	0	0	0	0	0	0	0	0	0
290090	0	0	1	6	1	3	0	0	0	0
310010	0	0	0	0	0	0	0	0	0	0
310040	0	0	0	0	0	0	1	921	1	43
310070	0	0	0	0	0	0	0	0	0	0
390040	0	0	0	0	0	0	0	0	0	0
390050	0	0	0	0	13	109	0	0	5	762
400040	0	0	0	0	0	0	0	0	2	256
400050	0	0	0	0	0	0	0	0	0	0
400070	0	0	0	0	0	0	0	0	0	0
400080	0	0	0	0	0	0	0	0	1	103
510080	0	0	0	0	6	78	2	85	10	47
590030	0	0	0	0	73	269	3	198	8	53
610080	0	0	0	0	1	52	4	174	5	184
690050	0	0	0	0	3	14	0	0	0	0
690070	0	0	0	0	0	0	0	0	0	0
690090	0	0	0	0	2	10	1	7	9	53
700020	0	0	0	0	14	350	0	0	0	0
700080	0	0	0	0	0	0	0	0	0	0
8460110080	0	0	0	0	0	0	7	57	0	0
190010	0	0	0	0	5	79	0	0	30	417
190050	0	0	1	117	50	406	2	44	6	15
210080	0	0	6	747	0	0	3	160	0	0
290010	1	11	6	444	0	0	1	44	0	0
290030	1	283	1	186	0	0	0	0	0	0
290050	2	574	7	1070	0	0	9	21	2	78
310080	0	0	4	289	0	0	1	6	2	94
390050	0	0	0	0	2	14	11	187	1	4
400060	0	0	0	0	0	0	0	0	0	0
400080	0	0	0	0	0	0	1	9	0	0
900060	0	0	1	114	0	0	0	0	0	0
900080	0	0	0	0	9	102	18	170	16	171
8461100060	0	0	0	0	0	0	0	0	0	0
100080	0	0	0	0	0	0	0	0	0	0
200010	0	0	0	0	0	0	0	0	0	0
200090	0	0	0	0	0	0	0	0	0	0
300060	0	0	1	54	0	0	0	0	0	0
300080	0	0	0	0	0	0	1	3196	0	0
401020	0	0	0	0	0	0	0	0	0	0
401030	0	0	0	0	0	0	1	10	0	0
401040	0	0	0	0	0	0	0	0	0	0
401060	0	0	0	0	0	0	11	4	0	0
405050	0	0	0	0	0	0	1	77	0	0
405070	0	0	0	0	0	0	0	0	0	0
500050	1	52	0	0	0	0	0	0	10	1553
500090	0	0	0	0	11	111	7	41	1	8
9000000001	0	0	0	0	2	42	0	0	0	0
9800000001	2	5	10	536	4	31	28	261	7	68
9900000001	10	25	55	55	46186	3026	81	58	11384	916
Month Tot	17	950	130	6775	46465	7149	260	8240	11705	9133
Y-T-D Tot	215	2358	265	18528	170639	23037	727	18283	40691	17504
NC YTD Tot	2	194	63	8822	172	6058	101	9505	223	8611

Please see notes on last page of the metal forming section.

U.S. IMPORTS
Metal Forming Machine Tools, Machine Tool Totals and Other Manufacturing Technology
March 92

RELEASED: May 27, 1992

Metal Forming Machine Tools		TOTAL YTD UNITS	TOTAL YTD $000	TOTAL MO. UNITS	TOTAL MO. $000
8454300010	Die casting machines	107	6926	79	1555
8462100030	Headers and upsetters, including cold headers	9	1646	2	771
100050	Forging or die stamping machines, and hammers, n.e.c.	306	19336	43	16863
210080	Bending, folding, straight. or flat. mach., incl presses, NC	157	10666	60	3212
290030	Press brakes, non-NC	47	1484	15	486
290040	Bending rolls, non-NC	15	696	10	592
290050	Bending, folding, straight., or flat., n.e.c., non-NC	204	9662	62	2039
310080	Shearing machines, NC	5	743	4	257
390050	Shearing machines, non-NC	98	4979	26	481
410080	Punching or notching mach., incl. comb. punch & shear, NC	71	6827	27	2921
490050	Punching or notching mach., incl. comb. punch & sh., non-NC	100	5332	18	1545
910060	Hydraulic presses, NC	3	2062	1	329
910090	Hydraulic presses, non-NC	932	8704	301	2322
990030	Presses, n.e.c., NC	0	0	0	0
990035	Mechanical transfer presses, non-NC	4	8627	1	1984
990045	Mechanical presses, n.e.c., non-NC	26	993	15	438
990060	Presses, n.e.c., non-NC	98	6381	46	1948
8463100080	Draw benches for bars, tubes, profiles, wire or the like	45	4050	10	542
200080	Thread rolling machines	18	809	0	0
300080	Machines for working wire	173	6636	96	2413
900080	Metal forming machine tools, n.e.c.	161	6283	43	1788
9800000002	Used or rebuilt machine tools	376	4684	90	1878
9900000002	Machine tools valued at less than $3,025	3315	1663	1308	559
	Forming Total			2257	44923
	Y-T-D Forming Total	6270	119191		
	NC Y-T-D Forming Total	236	20298		
	Cutting and Forming Totals: Monthly Total			74626	163486
	Y-T-D Total	255549	469594		
	NC Y-T-D Total	2300	245660		

Other Manufacturing Technology		TOTAL YTD		TOTAL MO.	
1000000000	Machine tool parts and accessories	0	130851	0	57388
2000000000	Parts for working rubber or plastics - heading 8477	0	70635	0	23750
2710003070	Quenching or cutting oils	0	106	0	14
8428900010	Industrial robots for lifting, handling, loading or unload	869	9020	144	4057
8431390080	Parts industrial robots, handling and loading - heading 8428	0	18163	0	6956
8456101010	Laser, light or photon beam for working metal, NC	53	9454	18	3263
101020	Laser, light or photon beam for working metal, non-NC	18	2273	10	726
105000	Laser, light or photon beam for other materials	41	1176	6	336
201010	Ultrasonic processes for working metal, NC	0	0	0	0
201050	Ultrasonic processes for working metal, non-NC	1	4	0	0
205000	Ultrasonic processes for working other materials	28	60	12	1
8477103000	Injection molding mach., for manufacturing shoes	32	875	19	75
106010	Injection molding mach., for rubber or oth. thermosetting	249	24672	63	4718
106050	Injection molding mach., for thermoplastics	785	68755	278	30125
200005	Extruders; rubber or other thermosetting mat., single screw	12	955	7	576
200015	Extruders; rubber or thermosetting, other incl. multi. screw	8	584	1	170
200035	Extruders; thermoplastics, single screw, less than 6.4cm	10	227	0	0
200045	Extruders; thermoplastics, single screw, 6.4cm or greater	12	4448	2	340
200055	Extruders; thermoplastics, mutli. screw, less than 6.4cm	21	1174	11	433
200065	Extruders; thermoplastics, multi. screw, 6.4cm or larger	14	5303	4	1225
300000	Blow molding machines	66	18142	31	7041
400000	Vacuum-molding and other thermoforming machines	91	874	20	601
510010	Machines for molding or retreading pneumatic tires	326	4918	264	3783
510090	Machines for molding or otherwise forming inner tubes	10	323	6	82
590000	Machines for molding or otherwise forming n.e.c.	308	13048	97	5599
800000	Machines for working rubber or plastics n.e.c.	1030	29206	456	7278
8479899040	Industrial robots, n.e.c.	421	14569	209	7311
908040	Industrial robot parts	0	8021	0	3280
8537100030	Numerical controls for controlling machine tools	2041	7285	568	3012
9024100000	Machines and appliances for testing metals	0	2452	0	640
9031100000	Machines for balancing mechanical parts	0	1129	0	424
300000	Profile projectors	0	755	0	328
9032810020	Industrial process control instr., hydraulic	29822	434	5136	119
810060	Industrial process control instr., pneumatic	17237	442	5865	177

Note: Product code 1000000000 represents aggregated machine tool parts codes 8466100010 through 8466945000.
Note: "0" in units column with corresponding value means that unit measure is not meaningful.
n.e.c. - Not elsewhere classified.

U.S. IMPORTS
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Metal Forming

	Belgium		Brazil		Canada		France		Germany **	
	Units	$000	Units	$000	Units	$000	Units	$000	Units	$000
8454300010	0	0	0	0	10	175	0	0	0	0
8462100030	0	0	0	0	0	0	0	0	0	0
100050	0	0	0	0	2	49	0	0	1	5464
210080	0	0	0	0	12	343	0	0	6	771
290030	1	15	0	0	12	402	0	0	0	0
290040	0	0	0	0	1	46	0	0	0	0
290050	0	0	0	0	13	638	0	0	6	270
310080	0	0	0	0	0	0	0	0	0	0
390050	6	138	0	0	2	81	0	0	0	0
410080	0	0	0	0	0	0	0	0	8	314
490050	0	0	0	0	1	12	0	0	5	166
910060	0	0	0	0	0	0	0	0	0	0
910090	0	0	0	0	21	997	0	0	31	1038
990030	0	0	0	0	0	0	0	0	0	0
990035	0	0	0	0	0	0	0	0	0	0
990045	0	0	0	0	0	0	0	0	3	72
990060	0	0	0	0	22	1074	2	23	3	224
8463100080	2	106	0	0	0	0	0	0	6	403
200080	0	0	0	0	0	0	0	0	0	0
300080	0	0	0	0	0	0	0	0	31	524
900080	0	0	0	0	3	33	0	0	6	813
9800000002	3	83	0	0	61	659	13	772	3	96
9900000002	0	0	0	0	15	13	15	39	47	61
Month Tot	12	341	0	0	175	4523	30	834	156	10215
Y-T-D Tot	24	2869	7	9	522	11666	97	1901	482	21470
NC YTD Tot	2	227	0	0	30	1377	1	18	40	4103
C&F Month	13	444	10	81	377	7161	175	2570	586	24989
C&F Y-T-D	29	3043	96	1844	1028	18419	401	4314	1921	84703
C&F NC YTD	2	227	13	1143	47	3935	5	1435	169	38345

Other Manufacturing Technology

1000000000	0	205	0	139	0	19875	0	651	0	8040
2000000000	0	96	0	29	0	6499	0	1547	0	5694
2710003070	0	0	0	0	0	1	0	0	0	0
8428900010	0	0	0	0	4	238	3	169	1	181
8431390080	0	0	0	7	0	1570	0	64	0	1364
8456101010	0	0	0	0	0	0	0	0	3	303
101020	0	0	0	0	0	0	0	0	10	726
105000	0	0	0	0	1	3	0	0	1	287
201010	0	0	0	0	0	0	0	0	0	0
201050	0	0	0	0	0	0	0	0	0	0
205000	0	0	0	0	12	1	0	0	0	0
8477103000	0	0	0	0	0	0	0	0	0	0
106010	0	0	0	0	3	594	2	277	5	649
106050	0	0	0	0	38	5528	1	423	11	1771
200005	0	0	0	0	0	0	0	0	6	531
200015	0	0	0	0	0	0	0	0	0	0
200035	0	0	0	0	0	0	0	0	0	0
200045	0	0	0	0	0	0	0	0	0	0
200055	0	0	0	0	0	0	0	0	4	204
200065	0	0	0	0	0	0	1	414	0	0
300000	0	0	0	0	4	405	18	5189	2	706
400000	0	0	0	0	0	0	0	0	3	20
510010	0	0	0	0	6	466	0	0	1	2201
510090	0	0	0	0	0	0	0	0	0	0
590000	0	0	0	0	29	1133	20	1278	10	2780
800000	3	10	0	0	63	658	1	38	84	1363
8479899040	0	0	0	0	5	1184	5	990	7	335
908040	0	0	0	0	0	38	0	12	0	543
8537100030	0	0	0	0	1	2	1	14	5	90
9024100000	0	0	0	0	0	101	0	3	0	54
9031100000	0	192	0	0	0	77	0	0	0	53
300000	0	0	0	0	0	0	0	0	0	106
9032810020	0	0	0	0	0	0	0	0	88	8
810060	0	0	0	0	0	0	0	0	0	0

Note: Product Code 1000000000 represents aggregated machine tool parts codes 8466100010 through 8466945000.
Note: "0" in units column with corresponding value means that unit measure is not meaningful.

U.S. IMPORTS
Metal Forming Machine Tools, Machine Tool Totals and Other Manufacturing Technology
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Metal Forming

	Italy		Japan		Korea		Singapore		Spain	
	Units	$000	Units	$000	Units	$000	Units	$000	Units	$000
8454300010	1	61	55	406	0	0	0	0	0	0
8462100030	0	0	2	771	0	0	0	0	0	0
100050	0	0	35	10902	0	0	0	0	3	22
210080	11	114	24	1649	0	0	0	0	0	0
290030	0	0	2	69	0	0	0	0	0	0
290040	3	20	3	481	0	0	0	0	0	0
290050	4	33	11	550	0	0	0	0	2	9
310080	4	257	0	0	0	0	0	0	0	0
390050	1	6	4	106	0	0	0	0	0	0
410080	0	0	15	2205	0	0	0	0	0	0
490050	2	66	3	936	0	0	0	0	0	0
910060	0	0	1	329	0	0	0	0	0	0
910090	3	13	2	232	0	0	0	0	0	0
990030	0	0	0	0	0	0	0	0	0	0
990035	0	0	1	1984	0	0	0	0	0	0
990045	2	7	4	222	0	0	0	0	0	0
990060	4	57	0	0	0	0	0	0	0	0
8463100080	0	0	0	0	0	0	0	0	0	0
200080	0	0	0	0	0	0	0	0	0	0
300080	3	473	40	929	0	0	0	0	0	0
900080	0	0	0	0	0	0	0	0	0	0
9800000002	0	0	5	81	0	0	0	0	0	0
9900000002	73	95	183	52	0	0	0	0	73	60
Month Tot	111	1201	390	21904	0	0	0	0	78	91
Y-T-D Tot	246	2879	1059	59125	7	270	0	0	139	724
NC YTD Tot	29	1139	110	10059	0	0	0	0	0	0
C&F Month	3269	3378	7811	82055	2243	2053	98	1851	162	842
C&F Y-T-D	8236	10802	22323	232596	4553	6941	284	5126	454	3820
C&F NC YTD	41	5454	1340	152646	46	2954	51	2879	1	79

Other Manufacturing Technology

1000000000	0	2367	0	13308	0	141	0	49	0	202
2000000000	0	1085	0	4895	0	527	0	0	0	14
2710003070	0	0	0	0	0	0	0	0	0	0
8428900010	0	0	93	1629	0	0	0	0	0	0
8431390080	0	72	0	906	0	0	0	2	0	2
8456101010	2	284	12	2431	0	0	0	0	0	0
101020	0	0	0	0	0	0	0	0	0	0
105000	0	0	0	0	0	0	0	0	0	0
201010	0	0	0	0	0	0	0	0	0	0
201050	0	0	0	0	0	0	0	0	0	0
205000	0	0	0	0	0	0	0	0	0	0
8477103000	5	9	0	0	0	0	0	0	14	66
106010	12	224	11	1304	2	86	2	119	0	0
106050	27	1482	178	18834	0	0	0	0	0	0
200005	0	0	0	0	0	0	0	0	0	0
200015	1	170	0	0	0	0	0	0	0	0
200035	0	0	0	0	0	0	0	0	0	0
200045	1	267	0	0	0	0	0	0	0	0
200055	0	0	2	179	0	0	0	0	0	0
200065	0	0	3	811	0	0	0	0	0	0
300000	1	297	5	396	0	0	0	0	0	0
400000	0	0	1	539	0	0	0	0	0	0
510010	6	832	241	215	0	0	0	0	0	0
510090	0	0	4	50	0	0	0	0	0	0
590000	9	161	0	0	9	15	0	0	0	0
800000	10	554	237	3058	0	0	0	0	1	19
8479899040	1	94	152	3738	0	0	0	0	0	0
908040	0	9	0	1260	0	0	0	0	0	0
8537100030	16	206	487	2577	0	0	0	0	0	0
9024100000	0	0	0	268	0	0	0	0	0	0
9031100000	0	5	0	26	0	4	0	1	0	0
300000	0	0	0	29	0	0	0	0	0	0
9032810020	0	0	0	0	750	4	0	0	0	0
810060	395	50	1065	13	0	0	0	0	0	0

Note: Product Code 1000000000 represents aggregated machine tool parts codes 8466100010 through 8466945000.
Note: "0" in units column with corresponding value means that unit measure is not meaningful.

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Metal Forming

	Sweden		Switzerland		Taiwan		U.K.		All Other	
	Units	$000	Units	$000	Units	$000	Units	$000	Units	$000
8454300010	0	0	10	806	2	89	0	0	1	19
8462100030	0	0	0	0	0	0	0	0	0	0
100050	0	0	0	0	0	0	1	220	1	207
210080	0	0	0	0	0	0	1	245	6	90
290030	0	0	0	0	0	0	0	0	0	0
290040	0	0	0	0	3	45	0	0	0	0
290050	13	316	2	23	1	13	6	169	4	17
310080	0	0	0	0	0	0	0	0	0	0
390050	0	0	0	0	0	0	9	81	4	67
410080	1	24	1	57	0	0	0	0	2	321
490050	4	51	1	305	2	9	0	0	0	0
910060	0	0	0	0	0	0	0	0	0	0
910090	0	0	0	0	0	0	1	5	243	36
990030	0	0	0	0	0	0	0	0	0	0
990035	0	0	0	0	0	0	0	0	0	0
990045	0	0	0	0	0	0	0	0	6	138
990060	1	7	0	0	8	411	2	13	4	138
8463100080	0	0	2	34	0	0	0	0	0	0
200080	0	0	0	0	0	0	0	0	0	0
300080	0	0	4	100	7	169	5	23	6	196
900080	0	0	24	901	0	0	0	0	10	41
9800000002	0	0	1	13	0	0	2	168	2	6
9900000002	28	8	48	87	143	38	46	28	637	79
Month Tot	47	407	93	2326	166	775	73	953	926	1355
Y-T-D Tot	114	2323	204	6169	1433	1968	285	3085	1651	4733
NC YTD Tot	1	24	1	57	2	32	6	1543	14	1717
C&F Month	64	1357	223	9101	46631	7924	333	9192	12631	10488
C&F Y-T-D	329	4680	469	24698	172072	25006	1012	21368	42342	22236
C&F NC YTD	3	218	64	8879	174	6090	107	11047	237	10329

Other Manufacturing Technology

1000000000	0	717	0	3479	0	1528	0	3606	0	3078
2000000000	0	77	0	583	0	206	0	971	0	1527
2710003070	0	0	0	0	0	0	0	0	0	13
8428900010	40	1838	3	2	0	0	0	0	0	0
8431390080	0	399	0	278	0	0	0	1141	0	1152
8456101010	0	0	1	245	0	0	0	0	0	0
101020	0	0	0	0	0	0	0	0	0	0
105000	0	0	0	0	0	0	2	33	2	13
201010	0	0	0	0	0	0	0	0	0	0
201050	0	0	0	0	0	0	0	0	0	0
205000	0	0	0	0	0	0	0	0	0	0
8477103000	0	0	0	0	0	0	0	0	0	0
106010	0	0	17	860	0	0	0	0	9	605
106050	2	398	4	164	8	684	0	0	9	841
200005	0	0	0	0	0	0	0	0	1	45
200015	0	0	0	0	0	0	0	0	0	0
200035	0	0	0	0	0	0	0	0	0	0
200045	0	0	0	0	0	0	1	73	0	0
200055	5	49	0	0	0	0	0	0	0	0
200065	0	0	0	0	0	0	0	0	0	0
300000	0	0	0	0	1	47	0	0	0	0
400000	0	0	0	0	9	31	7	11	0	0
510010	0	0	0	0	0	0	10	69	0	0
510090	0	0	0	0	1	4	1	28	0	0
590000	0	0	0	0	1	2	5	191	14	39
800000	0	0	2	312	8	476	28	340	19	449
8479899040	6	311	0	0	2	13	1	31	28	615
908040	0	124	0	0	0	0	0	236	0	1058
8537100030	34	7	2	48	20	20	2	47	0	0
9024100000	0	22	0	76	0	0	0	105	0	10
9031100000	0	0	0	13	0	0	0	32	0	21
300000	0	0	0	47	0	0	0	146	0	0
9032810020	0	0	461	8	0	0	800	5	3037	95
810060	0	0	5	1	0	0	15	5	4385	108

Note: Product Code 1000000000 represents aggregated machine tool parts codes 8466100010 through 8466945000.
Note: "0" in units column with corresponding value means that unit measure is not meaningful.

U.S. IMPORTS
Metal Cutting and Metal Forming Machine Tool Totals
March 92

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
EUROPE						
Austria	197	2324	0	0	197	2324
Bulgaria	0	0	0	0	0	0
Czechoslovakia	31	688	0	0	31	688
Denmark	59	219	13	140	72	359
Finland	3	79	6	338	9	417
Hungary	1	3	0	0	1	3
Ireland	1	16	0	0	1	16
Luxembourg	3	11	12	7	15	18
Netherlands	154	1199	11	53	165	1252
Norway	0	0	0	0	0	0
Poland	10	222	0	0	10	222
Portugal	0	0	11	162	11	162
Romania	3	91	0	0	3	91
USSR	0	0	0	0	0	0
Yugoslavia	1	7	1	207	2	214
Oth Europe	3	39	0	0	3	39
TOTAL	4691	40404	654	17275	5345	57679
NORTH AND CENTRAL AMERICA						
Barbados	0	0	0	0	0	0
Dominican Rep	0	0	0	0	0	0
Mexico	1	1	735	156	736	158
Oth N & C Am.	1	8	0	0	1	8
TOTAL	204	2647	910	4679	1114	7326
SOUTH AMERICA						
Argentina	0	0	0	0	0	0
Chile	0	0	0	0	0	0
Colombia	0	0	0	0	0	0
Paraguay	0	0	0	0	0	0
Peru	11	22	0	0	11	22
Uruguay	0	0	0	0	0	0
Venezuela	0	0	0	0	0	0
Oth South Am.	0	0	0	0	0	0
TOTAL	21	103	0	0	21	103
OCEANIA						
Australia	2	193	6	196	8	389
New Zealand	0	0	25	5	25	5
Oth Oceania	0	0	0	0	0	0
TOTAL	2	193	31	201	33	394

U.S. IMPORTS
Metal Cutting and Metal Forming Machine Tool Totals
March 92

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
ASIA						
China	11155	1453	104	64	11259	1518
Hong Kong	0	0	0	0	0	0
India	2	11	0	0	2	11
Indonesia	0	0	0	0	0	0
Iran	0	0	0	0	0	0
Iraq	0	0	0	0	0	0
Israel	8	747	0	0	8	747
Malaysia	0	0	1	7	1	7
Pakistan	0	0	0	0	0	0
Philippines	0	0	0	0	0	0
Thailand	59	1799	0	0	59	1799
Oth Asia	0	0	0	0	0	0
TOTAL	67451	75215	661	22750	68112	97965
AFRICA						
Ghana	0	0	0	0	0	0
Kenya	0	0	0	0	0	0
Niger	0	0	0	0	0	0
South Africa	0	0	1	19	1	19
Swaziland	0	0	0	0	0	0
Oth Africa	0	0	0	0	0	0
TOTAL	0	0	1	19	1	19

Note: Region totals include top countries detailed by product as well as countries listed above.
** West and East Germany are combined.
Cutting Section Notes:
Total for Metal Cutting and Metal Forming appears in Metal Forming Section.
Product Code 9000000001, Metal cutting machine tools, n.e.c., represents the total of codes: 8461900040 and 8461900080.
n.e.c. - Not elsewhere classified.

U.S. EXPORTS

Metal Cutting Machine Tools - January 92 - March 92

RELEASED: May 27, 1992

		TOTAL YTD UNITS	$000
8456300000	Electro-discharge machines	38	2526
8457100015	Vert. mach. ctrs., ATC, Y-axis travel not over 660mm (26")	19	1649
100025	Vert. mach. ctrs., ATC, Y-axis travel over 660mm (26")	6	1017
100035	Horizontal machining centers, ATC	11	3219
100045	Machining centers, n.e.c.	51	5006
200010	Unit construction mach. (single station transfer), NC	1	958
200090	Unit construction mach. (single station transfer), non-NC	1	97
300010	Multi-station transfer machines, NC	1	589
300090	Multi-station transfer machines, non-NC	23	8374
8458110010	Horizontal lathes, multiple spindle, NC	18	1598
110030	Horiz. lathes, power rating under 18.65 kW (25 HP), NC	21	1948
110050	Horiz. lathes, power rating 18.65-37.3 kW (25-50 HP), NC	14	3768
110090	Horiz. lathes, power rating over 37.3 kW (50 HP), NC	7	2079
190030	Horizontal engine or toolroom lathes, non-NC	8	167
190050	Automatic bar and/or chucking mach., single spindle, non-NC	3	153
190070	Automatic bar and/or chucking mach., mult. spindle, non-NC	10	610
190090	Horizontal lathes, n.e.c., non-NC	68	966
911060	Vertical turret lathes, multiple spindle, NC	0	0
911080	Vertical turret lathes, n.e.c., NC	1	118
915050	Vertical lathes, excl. VTL's, multiple spindle, NC	0	0
915070	Vertical lathes, excluding VTL's, n.e.c., NC	10	2261
991050	Vertical turret lathes, non-NC	8	290
995090	Vertical lathes, n.e.c., excl. VTL's, non-NC	22	3248
8459100000	Way-type unit head machines	5	589
210080	Other drilling machines, NC	31	3631
290040	Drilling machines, multiple spindle, non-NC	3	83
290050	Drilling machines, radial, non-NC	7	69
290070	Drilling, upright, ex. sensitive, turret & deep hole, non-NC	3	111
290090	Drilling machines, n.e.c., non-NC	223	1424
310010	Boring-milling mach., horiz. spind., table, excl. planer, NC	0	0
310040	Boring-milling mach., horiz. spindle, n.e.c., NC	0	0
310070	Boring-milling machines, n.e.c., NC	10	692
390040	Boring-milling mach., horiz. spindle, n.e.c., non-NC	0	0
390050	Boring-milling mach., excl. horiz. spindle, n.e.c., non-NC	13	229
400040	Boring machines, vertical, NC	0	0
400050	Boring machines, vertical, non-NC	12	408
400070	Boring machines, n.e.c., NC	1	104
400080	Boring machines, n.e.c., non-NC	3	84
510080	Milling machines, knee type, NC	1	1350
590030	Milling machines, knee type, non-NC	59	2396
610080	Milling machines, excluding knee type, n.e.c., NC	20	8908
690050	Milling machines, profile, dup., or die sinking, non-NC	3	220
690070	Milling machines, bed type, non-NC	1	25
690090	Milling machines, n.e.c., non-NC	37	3032
700020	Threading or tapping machines, n.e.c., NC	4	397
700080	Threading or tapping machines, n.e.c., non-NC	62	878
8460110080	Flat surface grinding machines, NC	22	984
190010	Flat surface grinding mach., recip.-table type, non-NC	6	73
190050	Flat surface grinding machines, n.e.c., non-NC	21	2369
210080	Grinding mach., of an accuracy at least 0.01mm, n.e.c., NC	14	3313
290010	Grinding mach., external cylindrical, (incl. univ.), non-NC	5	1763
290030	Grinding machines, internal cylindrical, non-NC	36	2155
290050	Grinding mach., of accuracy at least 0.01mm, n.e.c., non-NC	66	4132
310080	Sharpening machines (tool & cutter grinding), NC	17	990
390050	Sharpening machines (tool & cutter grinding), non-NC	152	1173
400060	Honing or lapping machines, NC	0	0
400080	Honing or lapping machines, non-NC	127	1513
900060	Grinding, honing, polishing, & lapping mach., n.e.c., NC	5	1817
900080	Grinding, honing, polishing, & lapping mach., n.e.c., non-NC	371	4385
8461100060	Planing machines, NC	1	1722
100080	Planing machines, non-NC	37	1451
200010	Shaping or slotting machines, NC	13	451
200090	Shaping or slotting machines, non-NC	5	157
300060	Broaching machines, NC	2	38
300080	Broaching machines, non-NC	6	136
401050	Gear hobbers	6	730
401070	Gear shapers	8	440
401090	Gear cutting machines, n.e.c.	22	5986
405060	Gear grinding or finishing machines	5	987
500050	Sawing or cutting-off machines, NC	18	1283
500090	Sawing or cutting-off machines, non-NC	241	3329
9000000001	Metal cutting machine tools, n.e.c.	285	5568
9800000001	Used or rebuilt machine tools	1734	17508
9900000001	Machine tools valued at less than $3,025	11483	5036
	Y-T-D Cutting Total	15547	134765
	NC Y-T-D Cutting Total*	390	53919

Please see notes on last page of the metal forming section.

U.S. EXPORTS

Metal Cutting Machine Tools - January 92 - March 92

	Australia		Austria		Belgium		Brazil		Canada	
	Units	$000	Units	$000	Units	$000	Units	$000	Units	$000
8456300000	0	0	0	0	2	75	2	148	2	260
8457100015	0	0	0	0	0	0	1	213	2	361
100025	0	0	0	0	0	0	0	0	5	806
100035	0	0	0	0	0	0	0	0	1	221
100045	1	90	0	0	0	0	0	0	9	1314
200010	0	0	0	0	0	0	0	0	0	0
200090	0	0	0	0	0	0	0	0	0	0
300010	0	0	0	0	0	0	0	0	1	589
300090	0	0	0	0	0	0	0	0	0	0
8458110010	0	0	0	0	0	0	0	0	10	866
110030	0	0	0	0	0	0	0	0	2	222
110050	0	0	0	0	0	0	0	0	9	1760
110090	0	0	0	0	0	0	0	0	6	1375
190030	0	0	0	0	0	0	0	0	2	14
190050	0	0	0	0	0	0	0	0	2	11
190070	0	0	0	0	0	0	0	0	2	258
190090	9	114	0	0	0	0	0	0	10	164
911060	0	0	0	0	0	0	0	0	0	0
911080	0	0	0	0	0	0	0	0	0	0
915050	0	0	0	0	0	0	0	0	0	0
915070	0	0	0	0	0	0	0	0	1	171
991050	0	0	0	0	0	0	0	0	4	112
995090	0	0	0	0	0	0	0	0	1	18
8459100000	0	0	0	0	0	0	0	0	0	0
210080	0	0	0	0	0	0	0	0	10	1603
290040	0	0	0	0	0	0	0	0	1	49
290050	0	0	0	0	0	0	0	0	5	47
290070	0	0	0	0	0	0	0	0	2	39
290090	0	0	0	0	0	0	0	0	89	632
310010	0	0	0	0	0	0	0	0	0	0
310040	0	0	0	0	0	0	0	0	0	0
310070	0	0	0	0	0	0	0	0	0	0
390040	0	0	0	0	0	0	0	0	0	0
390050	0	0	0	0	0	0	0	0	0	0
400040	0	0	0	0	0	0	0	0	0	0
400050	0	0	0	0	0	0	0	0	3	85
400070	0	0	0	0	0	0	1	104	0	0
400080	0	0	0	0	0	0	0	0	2	58
510080	0	0	0	0	0	0	1	1350	0	0
590030	12	487	0	0	0	0	0	0	7	207
610080	0	0	0	0	0	0	0	0	0	0
690050	0	0	0	0	0	0	0	0	0	0
690070	0	0	0	0	0	0	0	0	0	0
690090	0	0	0	0	0	0	0	0	4	81
700020	0	0	0	0	0	0	0	0	0	0
700080	0	0	0	0	3	171	1	15	17	166
8460110080	0	0	0	0	0	0	0	0	1	32
190010	0	0	0	0	0	0	0	0	0	0
190050	0	0	0	0	0	0	0	0	0	0
210080	0	0	1	497	0	0	0	0	3	827
290010	0	0	0	0	0	0	1	660	3	1078
290030	0	0	0	0	0	0	24	915	0	0
290050	2	78	0	0	0	0	0	0	5	54
310080	2	64	0	0	0	0	0	0	0	0
390050	4	35	0	0	0	0	1	7	45	340
400060	0	0	0	0	0	0	0	0	0	0
400080	1	5	0	0	0	0	0	0	8	110
900060	0	0	0	0	0	0	1	50	4	1768
900080	3	29	0	0	0	0	0	0	61	577
8461100060	0	0	0	0	0	0	0	0	0	0
100080	0	0	0	0	0	0	0	0	0	0
200010	0	0	0	0	0	0	10	132	1	128
200090	0	0	0	0	0	0	0	0	2	26
300060	0	0	0	0	0	0	0	0	2	38
300080	0	0	0	0	0	0	0	0	1	98
401050	0	0	0	0	0	0	0	0	0	0
401070	0	0	0	0	0	0	0	0	0	0
401090	0	0	0	0	0	0	1	64	0	0
405060	0	0	0	0	0	0	0	0	1	62
500050	0	0	0	0	0	0	0	0	10	776
500090	0	0	0	0	0	0	0	0	56	631
9000000001	2	20	0	0	0	0	0	0	49	704
9800000001	28	196	2	9	1	4	8	65	305	3503
9900000001	188	147	0	0	33	58	48	34	635	649
Y-T-D Tot	252	1265	3	505	39	308	100	3756	1401	22888
NC YTD Tot*	3	155	1	497	2	75	16	1996	85	13286

Please see notes on last page of the metal forming section.

U.S. EXPORTS

Metal Cutting Machine Tools - January 92 - March 92

	China		France		Germany **		India		Indonesia	
	Units	$000	Units	$000	Units	$000	Units	$000	Units	$000
8456300000	0	0	2	244	13	848	0	0	0	0
8457100015	13	596	0	0	0	0	0	0	0	0
100025	0	0	0	0	0	0	0	0	0	0
100035	0	0	0	0	0	0	0	0	0	0
100045	2	64	0	0	2	170	0	0	0	0
200010	0	0	0	0	0	0	0	0	0	0
200090	0	0	0	0	0	0	0	0	0	0
300010	0	0	0	0	0	0	0	0	0	0
300090	0	0	1	523	0	0	0	0	1	4415
8458110010	0	0	0	0	0	0	0	0	0	0
110030	1	120	4	439	0	0	0	0	0	0
110050	0	0	0	0	0	0	0	0	0	0
110090	0	0	0	0	0	0	0	0	0	0
190030	0	0	0	0	0	0	0	0	0	0
190050	0	0	0	0	0	0	0	0	0	0
190070	0	0	1	90	0	0	0	0	0	0
190090	0	0	0	0	0	0	0	0	0	0
911060	0	0	0	0	0	0	0	0	0	0
911080	0	0	1	118	0	0	0	0	0	0
915050	0	0	0	0	0	0	0	0	0	0
915070	2	1290	0	0	0	0	0	0	0	0
991050	0	0	0	0	0	0	0	0	0	0
995090	4	2646	0	0	0	0	0	0	0	0
8459100000	0	0	0	0	1	90	0	0	0	0
210080	2	110	0	0	0	0	0	0	0	0
290040	0	0	0	0	0	0	0	0	0	0
290050	0	0	0	0	0	0	0	0	0	0
290070	0	0	0	0	0	0	0	0	0	0
290090	0	0	1	6	1	3	0	0	0	0
310010	0	0	0	0	0	0	0	0	0	0
310040	0	0	0	0	0	0	0	0	0	0
310070	0	0	0	0	0	0	0	0	3	135
390040	0	0	0	0	0	0	0	0	0	0
390050	0	0	0	0	0	0	0	0	0	0
400040	0	0	0	0	0	0	0	0	0	0
400050	0	0	0	0	0	0	0	0	0	0
400070	0	0	0	0	0	0	0	0	0	0
400080	0	0	0	0	0	0	0	0	0	0
510080	0	0	0	0	0	0	0	0	0	0
590030	0	0	1	35	0	0	0	0	0	0
610080	2	3154	1	96	1	267	0	0	0	0
690050	0	0	0	0	0	0	0	0	0	0
690070	0	0	0	0	0	0	0	0	0	0
690090	0	0	1	38	0	0	0	0	0	0
700020	0	0	0	0	0	0	0	0	0	0
700080	0	0	0	0	2	214	0	0	0	0
8460110080	0	0	0	0	2	54	0	0	0	0
190010	0	0	0	0	0	0	0	0	0	0
190050	0	0	0	0	0	0	1	124	0	0
210080	0	0	0	0	2	549	2	446	0	0
290010	0	0	0	0	0	0	0	0	0	0
290030	1	75	0	0	3	95	7	1049	0	0
290050	10	1537	0	0	2	35	6	626	0	0
310080	0	0	0	0	0	0	0	0	0	0
390050	0	0	0	0	4	29	0	0	0	0
400060	0	0	0	0	0	0	0	0	0	0
400080	9	213	8	48	24	336	3	33	0	0
900060	0	0	0	0	0	0	0	0	0	0
900080	7	104	13	146	41	652	4	25	0	0
8461100060	0	0	0	0	0	0	0	0	0	0
100080	0	0	0	0	2	8	0	0	0	0
200010	0	0	0	0	0	0	0	0	0	0
200090	0	0	0	0	0	0	0	0	0	0
300060	0	0	0	0	0	0	0	0	0	0
300080	0	0	0	0	1	11	0	0	0	0
401050	0	0	0	0	1	28	0	0	0	0
401070	0	0	0	0	0	0	0	0	0	0
401090	9	1183	0	0	0	0	0	0	0	0
405060	0	0	0	0	0	0	0	0	0	0
500050	0	0	0	0	0	0	0	0	0	0
500090	0	0	2	31	46	521	2	51	3	29
9000000001	5	107	1	6	2	19	0	0	0	0
9800000001	48	544	11	32	22	250	146	360	0	0
9900000001	159	142	238	50	536	222	19	15	5	3
Y-T-D Tot	274	11885	286	1903	708	4402	190	2730	12	4581
NC YTD Tot*	22	5334	8	898	21	1900	2	446	3	135

Please see notes on last page of the metal forming section.

U.S. EXPORTS

Metal Cutting Machine Tools - January 92 - March 92

	Italy		Japan		Korea		Malaysia		Mexico	
	Units	$000	Units	$000	Units	$000	Units	$000	Units	$000
8456300000	0	0	2	125	1	60	0	0	0	0
8457100015	0	0	0	0	0	0	0	0	0	0
100025	0	0	0	0	1	211	0	0	0	0
100035	1	191	0	0	7	1837	0	0	0	0
100045	0	0	0	0	22	1054	0	0	7	479
200010	1	958	0	0	0	0	0	0	0	0
200090	0	0	0	0	0	0	0	0	1	97
300010	0	0	0	0	0	0	0	0	0	0
300090	0	0	6	713	0	0	0	0	2	1519
8458110010	0	0	0	0	0	0	0	0	4	383
110030	0	0	1	144	2	136	0	0	1	84
110050	0	0	0	0	4	1739	0	0	0	0
110090	0	0	0	0	0	0	0	0	0	0
190030	0	0	2	113	0	0	0	0	1	14
190050	0	0	0	0	0	0	0	0	1	142
190070	0	0	6	150	0	0	0	0	0	0
190090	1	230	1	5	0	0	0	0	30	271
911060	0	0	0	0	0	0	0	0	0	0
911080	0	0	0	0	0	0	0	0	0	0
915050	0	0	0	0	0	0	0	0	0	0
915070	0	0	3	493	0	0	0	0	2	111
991050	0	0	0	0	0	0	0	0	4	178
995090	0	0	3	39	0	0	0	0	10	446
8459100000	0	0	0	0	0	0	0	0	1	120
210080	0	0	0	0	0	0	0	0	9	518
290040	0	0	0	0	0	0	0	0	2	34
290050	0	0	0	0	0	0	0	0	1	6
290070	0	0	0	0	0	0	0	0	0	0
290090	0	0	83	371	18	86	0	0	12	222
310010	0	0	0	0	0	0	0	0	0	0
310040	0	0	0	0	0	0	0	0	0	0
310070	0	0	0	0	0	0	0	0	3	257
390040	0	0	0	0	0	0	0	0	0	0
390050	0	0	0	0	0	0	0	0	13	229
400040	0	0	0	0	0	0	0	0	0	0
400050	0	0	0	0	0	0	0	0	4	63
400070	0	0	0	0	0	0	0	0	0	0
400080	0	0	0	0	0	0	0	0	1	27
510080	0	0	0	0	0	0	0	0	0	0
590030	1	20	4	433	1	50	0	0	1	33
610080	1	183	0	0	1	65	0	0	3	1238
690050	0	0	0	0	0	0	0	0	0	0
690070	0	0	0	0	0	0	0	0	1	25
690090	0	0	5	55	0	0	0	0	13	165
700020	0	0	1	327	0	0	0	0	1	14
700080	0	0	0	0	0	0	0	0	15	95
8460110080	1	133	1	77	0	0	0	0	2	182
190010	0	0	0	0	0	0	0	0	0	0
190050	0	0	3	941	5	300	3	311	3	357
210080	0	0	1	126	0	0	0	0	3	623
290010	0	0	0	0	0	0	0	0	0	0
290030	0	0	0	0	0	0	0	0	1	20
290050	1	104	0	0	0	0	0	0	19	721
310080	0	0	5	689	1	23	0	0	0	0
390050	0	0	54	354	15	107	0	0	16	152
400060	0	0	0	0	0	0	0	0	0	0
400080	7	68	2	15	2	21	0	0	3	30
900060	0	0	0	0	0	0	0	0	0	0
900080	10	118	25	340	26	408	0	0	52	659
8461100060	0	0	0	0	1	1722	0	0	0	0
100080	0	0	19	1202	0	0	0	0	1	21
200010	0	0	0	0	0	0	0	0	0	0
200090	0	0	0	0	0	0	0	0	1	119
300060	0	0	0	0	0	0	0	0	0	0
300080	0	0	0	0	1	11	0	0	0	0
401050	0	0	0	0	0	0	0	0	4	140
401070	0	0	0	0	8	440	0	0	0	0
401090	2	1298	3	2209	2	891	0	0	4	301
405060	0	0	2	820	1	92	0	0	1	13
500050	0	0	0	0	0	0	0	0	4	212
500090	1	13	29	525	6	133	4	19	31	545
9000000001	0	0	101	2112	11	142	0	0	19	424
9800000001	62	282	14	1182	122	4147	0	0	689	2996
9900000001	153	122	596	147	201	170	151	103	2147	823
Y-T-D Tot	242	3721	972	13706	459	13844	158	432	3143	15107
NC YTD Tot*	4	1465	33	2443	40	6847	0	0	39	4101

Please see notes on last page of the metal forming section.

U.S. EXPORTS

Metal Cutting Machine Tools - January 92 - March 92

	Netherlands		Singapore		Spain		Switzerland		Taiwan	
	Units	$000	Units	$000	Units	$000	Units	$000	Units	$000
8456300000	8	425	0	0	0	0	5	305	1	37
8457100015	1	151	2	329	0	0	0	0	0	0
100025	0	0	0	0	0	0	0	0	0	0
100035	0	0	0	0	0	0	1	463	0	0
100045	0	0	0	0	0	0	1	1426	0	0
200010	0	0	0	0	0	0	0	0	0	0
200090	0	0	0	0	0	0	0	0	0	0
300010	0	0	0	0	0	0	0	0	0	0
300090	0	0	0	0	0	0	0	0	0	0
8458110010	0	0	0	0	0	0	0	0	0	0
110030	0	0	0	0	0	0	0	0	0	0
110050	0	0	0	0	0	0	0	0	1	269
110090	0	0	0	0	0	0	0	0	1	704
190030	0	0	0	0	0	0	0	0	0	0
190050	0	0	0	0	0	0	0	0	0	0
190070	0	0	1	112	0	0	0	0	0	0
190090	0	0	0	0	0	0	0	0	0	0
911060	0	0	0	0	0	0	0	0	0	0
911080	0	0	0	0	0	0	0	0	0	0
915050	0	0	0	0	0	0	0	0	0	0
915070	0	0	0	0	0	0	0	0	1	150
991050	0	0	0	0	0	0	0	0	0	0
995090	0	0	0	0	0	0	0	0	0	0
8459100000	0	0	0	0	0	0	0	0	2	220
210080	0	0	0	0	0	0	0	0	8	509
290040	0	0	0	0	0	0	0	0	0	0
290050	0	0	0	0	0	0	0	0	0	0
290070	0	0	0	0	0	0	0	0	0	0
290090	0	0	0	0	0	0	0	0	0	0
310010	0	0	0	0	0	0	0	0	0	0
310040	0	0	0	0	0	0	0	0	0	0
310070	0	0	0	0	0	0	0	0	0	0
390040	0	0	0	0	0	0	0	0	0	0
390050	0	0	0	0	0	0	0	0	0	0
400040	0	0	0	0	0	0	0	0	0	0
400050	0	0	0	0	0	0	0	0	0	0
400070	0	0	0	0	0	0	0	0	0	0
400080	0	0	0	0	0	0	0	0	0	0
510080	0	0	0	0	0	0	0	0	0	0
590030	3	108	0	0	0	0	0	0	2	53
610080	0	0	3	239	0	0	0	0	5	3405
690050	0	0	0	0	0	0	3	220	0	0
690070	0	0	0	0	0	0	0	0	0	0
690090	0	0	0	0	0	0	0	0	0	0
700020	0	0	0	0	0	0	0	0	0	0
700080	0	0	0	0	0	0	0	0	0	0
8460110080	0	0	0	0	0	0	0	0	0	0
190010	0	0	0	0	0	0	0	0	1	12
190050	0	0	0	0	0	0	0	0	0	0
210080	0	0	0	0	0	0	1	100	0	0
290010	0	0	0	0	0	0	0	0	0	0
290030	0	0	0	0	0	0	0	0	0	0
290050	8	300	0	0	0	0	0	0	9	322
310080	0	0	0	0	0	0	0	0	2	66
390050	2	16	4	29	0	0	1	5	0	0
400060	0	0	0	0	0	0	0	0	0	0
400080	8	61	1	7	1	9	9	85	2	19
900060	0	0	0	0	0	0	0	0	0	0
900080	4	31	5	58	1	10	1	10	2	20
8461100060	0	0	0	0	0	0	0	0	0	0
100080	0	0	0	0	0	0	2	27	0	0
200010	1	18	0	0	0	0	0	0	0	0
200090	0	0	0	0	0	0	0	0	0	0
300060	0	0	0	0	0	0	0	0	0	0
300080	0	0	0	0	0	0	0	0	0	0
401050	0	0	0	0	0	0	0	0	0	0
401070	0	0	0	0	0	0	0	0	0	0
401090	0	0	0	0	0	0	0	0	0	0
405060	0	0	0	0	0	0	0	0	0	0
500050	0	0	0	0	0	0	0	0	0	0
500090	14	107	7	182	1	12	0	0	4	22
9000000001	11	104	1	23	2	27	8	93	17	116
9800000001	1	5	13	1246	4	23	2	9	6	136
9900000001	85	81	866	420	141	49	130	107	425	177
Y-T-D Tot	146	1406	903	2643	150	130	164	2851	489	6237
NC YTD Tot*	12	637	5	568	0	0	8	2294	19	5141

Please see notes on last page of the metal forming section.

U.S. EXPORTS
Metal Cutting Machine Tools - January 92 - March 92

	Thailand		U.K.		USSR		Venezuela		All Other	
	Units	$000	Units	$000	Units	$000	Units	$000	Units	$000
8456300000	0	0	0	0	0	0	0	0	0	0
8457100015	0	0	0	0	0	0	0	0	0	0
100025	0	0	0	0	0	0	0	0	0	0
100035	0	0	1	506	0	0	0	0	0	0
100045	1	42	0	0	0	0	0	0	6	366
200010	0	0	0	0	0	0	0	0	0	0
200090	0	0	0	0	0	0	0	0	0	0
300010	0	0	0	0	0	0	0	0	0	0
300090	0	0	1	100	0	0	0	0	12	1105
8458110010	0	0	0	0	0	0	1	125	3	223
110030	1	60	5	344	0	0	1	116	3	285
110050	0	0	0	0	0	0	0	0	0	0
110090	0	0	0	0	0	0	0	0	0	0
190030	0	0	0	0	0	0	0	0	3	27
190050	0	0	0	0	0	0	0	0	0	0
190070	0	0	0	0	0	0	0	0	0	0
190090	0	0	0	0	0	0	0	0	17	182
911060	0	0	0	0	0	0	0	0	0	0
911080	0	0	0	0	0	0	0	0	0	0
915050	0	0	0	0	0	0	0	0	0	0
915070	0	0	0	0	0	0	1	48	0	0
991050	0	0	0	0	0	0	0	0	0	0
995090	0	0	3	62	0	0	0	0	1	37
8459100000	0	0	0	0	0	0	0	0	1	159
210080	0	0	2	891	0	0	0	0	0	0
290040	0	0	0	0	0	0	0	0	0	0
290050	0	0	0	0	0	0	0	0	1	17
290070	0	0	0	0	0	0	0	0	1	72
290090	0	0	0	0	0	0	2	27	17	78
310010	0	0	0	0	0	0	0	0	0	0
310040	0	0	0	0	0	0	0	0	0	0
310070	0	0	1	192	0	0	1	50	2	59
390040	0	0	0	0	0	0	0	0	0	0
390050	0	0	0	0	0	0	0	0	0	0
400040	0	0	0	0	0	0	0	0	0	0
400050	0	0	0	0	0	0	4	233	1	26
400070	0	0	0	0	0	0	0	0	0	0
400080	0	0	0	0	0	0	0	0	0	0
510080	0	0	0	0	0	0	0	0	0	0
590030	0	0	1	20	0	0	0	0	26	950
610080	0	0	0	0	0	0	0	0	3	261
690050	0	0	0	0	0	0	0	0	0	0
690070	0	0	0	0	0	0	0	0	0	0
690090	0	0	0	0	0	0	2	73	12	2622
700020	0	0	1	31	0	0	0	0	1	25
700080	0	0	2	11	0	0	11	109	11	97
8460110080	1	21	6	223	0	0	0	0	8	262
190010	0	0	0	0	0	0	0	0	5	61
190050	0	0	0	0	0	0	0	0	6	337
210080	0	0	1	146	0	0	0	0	0	0
290010	0	0	1	25	0	0	0	0	0	0
290030	0	0	0	0	0	0	0	0	0	0
290050	0	0	0	0	0	0	0	0	4	353
310080	0	0	2	40	0	0	2	41	3	67
390050	0	0	2	11	0	0	0	0	4	89
400060	0	0	0	0	0	0	0	0	0	0
400080	19	226	1	16	0	0	0	0	19	209
900060	0	0	0	0	0	0	0	0	0	0
900080	4	42	23	221	0	0	61	630	28	306
8461100060	0	0	0	0	0	0	0	0	0	0
100080	2	33	1	33	0	0	0	0	10	127
200010	1	173	0	0	0	0	0	0	0	0
200090	0	0	2	11	0	0	0	0	0	0
300060	0	0	0	0	0	0	0	0	0	0
300080	0	0	3	16	0	0	0	0	0	0
401050	0	0	0	0	0	0	0	0	1	562
401070	0	0	0	0	0	0	0	0	0	0
401090	0	0	0	0	0	0	1	41	0	0
405060	0	0	0	0	0	0	0	0	0	0
500050	1	173	1	75	0	0	0	0	2	47
500090	0	0	9	109	0	0	0	0	26	400
9000000001	0	0	25	376	0	0	5	68	26	1227
9800000001	35	105	47	912	0	0	4	29	164	1473
9900000001	1028	81	507	161	0	0	1164	219	2028	1056
Y-T-D Tot	1093	957	648	4532	0	0	1260	1806	2455	13167
NC YTD Tot*	5	470	24	2641	0	0	6	378	32	2215

Please see notes on last page of the metal forming section.

U.S. EXPORTS

Metal Forming Machine Tools, Machine Tool Totals and Other Manufacturing Technology

January 92 - March 92

RELEASED: May 27, 1992

Metal Forming Machine Tools		TOTAL YTD UNITS	$000
8454300010	Die casting machines	122	1493
8462100030	Headers and upsetters, including cold headers	5	3588
100050	Forging or die stamping machines, and hammers, n.e.c.	44	4093
210080	Bending, folding, straight. or flat. mach., incl presses, NC	111	8806
290030	Press brakes, non-NC	17	221
290040	Bending rolls, non-NC	20	786
290050	Bending, folding, straight., or flat., n.e.c., non-NC	323	11407
310080	Shearing machines, NC	29	1869
390050	Shearing machines, non-NC	82	1660
410080	Punching or notching mach., incl. comb. punch & shear, NC	36	6010
490050	Punching or notching mach., incl. comb. punch & sh., non-NC	140	4082
910060	Hydraulic presses, NC	3	171
910090	Hydraulic presses, non-NC	95	2960
990030	Presses, n.e.c., NC	43	3364
990040	Presses, mechanical, non-NC	14	1467
990060	Presses, n.e.c., non-NC	151	12800
8463100080	Draw benches for bars, tubes, profiles, wire or the like	54	1714
200080	Thread rolling machines	10	215
300080	Machines for working wire	179	4481
900080	Metal forming machine tools, n.e.c.	500	24224
9800000002	Used or rebuilt machine tools	751	21080
9900000002	Machine tools valued at less than $3,025	3327	2756
	Y-T-D Forming Total	6056	119246
	NC Y-T-D Forming Total	222	20220
	Cutting and Forming Totals:		
	Y-T-D Total	21603	254011
	NC Y-T-D Total*	612	74139

Other Manufacturing Technology		TOTAL YTD UNITS	$000
1000000000	Machine tool parts and accessories	0	184987
2000000000	Parts for working rubber or plastics - heading 8477	0	62646
2710003070	Quenching or cutting oils	0	2018
8428900010	Industrial robots for lifting, handling, loading or unload	453	5002
8431390090	Parts industrial robots, handling and loading - heading 8428	0	25389
8456100000	Laser, light or photon beam for working any material	97	4850
200000	Ultrasonic process for working any material	6	180
8477106010	Injection molding mach., for rubber or oth. thermosetting	55	4543
106070	Injection molding machines, for thermoplastics	170	18427
200005	Extruders; rubber or other thermosetting mat., single screw	10	1380
200015	Extruders; rubber or thermosetting, other incl. multi. screw	30	2686
200030	Extruders; thermoplastics, single screw	44	4940
200060	Extruders; thermoplastics, other incl. multi. screw	25	2861
300000	Blow molding machines	183	16637
400000	Vacuum-molding and other thermoforming machines	376	4310
510010	Machines for molding or retreading pneumatic tires	1533	8643
510090	Machines for molding or otherwise forming inner tubes	302	1302
590000	Machines for molding or otherwise forming n.e.c.	383	5941
800000	Machines for working rubber or plastics n.e.c.	1014	26951
8479899040	Industrial robots, n.e.c.	1433	15028
908040	Industrial robot parts	0	7859
8537100030	Numerical controls for controlling machine tools	438	6048
9024100000	Machines and appliances for testing metals	0	14769
9031100000	Machines for balancing mechanical parts	0	7508
300000	Profile projectors	0	883
9032810040	Industrial process control instr., hydraulic or pneumatic	112379	9641

Note: Product code 1000000000 represents aggregated machine tool parts codes 8466100010 through 8466940000.
* "NC Y-T-D Total" does not include code 8456300000.
Note: "0" in units column with corresponding value means that unit measure is not meaningful.
n.e.c. - Not elsewhere classified.

U.S. EXPORTS
Metal Forming Machine Tools, Machine Tool Totals and other Manufacturing Technology
January 92 - March 92

Metal Forming

	Australia		Austria		Belgium		Brazil		Canada	
	Units	$000	Units	$000	Units	$000	Units	$000	Units	$000
8454300010	14	159	38	412	0	0	1	40	3	301
8462100030	0	0	0	0	1	980	2	1265	1	83
100050	0	0	0	0	0	0	0	0	4	1008
210080	0	0	0	0	3	120	2	80	11	552
290030	0	0	0	0	0	0	0	0	4	54
290040	0	0	0	0	0	0	0	0	7	145
290050	3	24	0	0	136	3886	2	43	45	923
310080	1	59	0	0	0	0	0	0	6	569
390050	0	0	0	0	0	0	0	0	22	436
410080	0	0	0	0	0	0	0	0	9	1556
490050	3	99	0	0	3	318	0	0	42	708
910060	0	0	0	0	0	0	0	0	1	30
910090	0	0	1	6	1	54	0	0	7	489
990030	0	0	0	0	0	0	0	0	2	149
990040	0	0	0	0	0	0	1	161	2	41
990060	0	0	0	0	1	15	1	19	10	187
8463100080	1	23	0	0	0	0	0	0	3	156
200080	0	0	0	0	0	0	0	0	0	0
300080	2	71	0	0	0	0	6	29	7	178
900080	3	27	4	100	3	1411	10	257	31	431
9800000002	2	31	0	0	0	0	1	27	117	7975
9900000002	31	34	0	0	36	35	166	140	549	461
Y-T-D Tot	60	527	43	519	184	6818	192	2062	883	16431
NC YTD Tot	1	59	0	0	3	120	2	80	29	2856
C&F YTD	312	1792	46	1024	223	7126	292	5819	2284	39319
C&F NC YTD*	4	213	1	497	5	195	18	2077	114	16142

Other Manufacturing Technology

1000000000	0	4327	0	569	0	1987	0	2650	0	33204
2000000000	0	782	0	196	0	986	0	732	0	16060
2710003070	0	49	0	0	0	125	0	3	0	295
8428900010	8	75	0	0	1	15	0	0	39	351
8431390090	0	2003	0	4	0	258	0	20	0	2422
8456100000	3	60	0	0	0	0	0	0	9	1191
200000	0	0	0	0	0	0	0	0	2	76
8477106010	0	0	0	0	0	0	0	0	5	312
106070	0	0	0	0	0	0	21	3687	26	2450
200005	0	0	0	0	0	0	0	0	4	135
200015	0	0	0	0	0	0	0	0	20	1309
200030	1	200	2	61	1	31	2	46	3	139
200060	0	0	0	0	0	0	0	0	3	77
300000	0	0	0	0	8	69	13	4294	5	2039
400000	0	0	0	0	0	0	0	0	3	111
510010	22	149	0	0	0	0	7	196	199	4581
510090	0	0	0	0	0	0	2	50	0	0
590000	1	14	0	0	4	328	2	30	12	530
800000	8	102	0	0	1	4	10	572	210	7950
8479899040	3	286	5	42	5	148	1	4	731	5559
908040	0	75	0	0	0	28	0	5	0	2450
8537100030	0	0	3	41	10	147	23	298	36	453
9024100000	0	75	0	33	0	123	0	222	0	1423
9031100000	0	50	0	0	0	0	0	38	0	4622
300000	0	0	0	0	0	0	0	7	0	59
9032810040	2764	234	1037	171	1458	127	76	20	6204	690

Note: Product Code 1000000000 represents aggregated machine tool parts codes 8466100010 through 8466940000.
* "C&F NC YTD" does not include code 8465300000.
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Metal Forming

	China		France		Germany **		India		Indonesia	
	Units	$000	Units	$000	Units	$000	Units	$000	Units	$000
8454300010	0	0	9	101	2	40	11	117	0	0
8462100030	0	0	0	0	0	0	0	0	0	0
100050	0	0	7	400	0	0	0	0	0	0
210080	13	1056	2	69	2	120	0	0	0	0
290030	0	0	0	0	0	0	0	0	0	0
290040	0	0	0	0	0	0	0	0	0	0
290050	0	0	4	225	11	207	1	86	4	43
310080	0	0	0	0	0	0	0	0	0	0
390050	0	0	0	0	4	57	0	0	0	0
410080	1	108	1	250	2	201	0	0	0	0
490050	0	0	0	0	5	188	0	0	0	0
910060	0	0	0	0	0	0	0	0	0	0
910090	0	0	3	16	2	48	0	0	8	277
990030	0	0	0	0	1	159	0	0	0	0
990040	1	53	0	0	2	20	0	0	0	0
990060	0	0	0	0	20	5857	1	25	0	0
8463100080	0	0	0	0	16	286	0	0	0	0
200080	0	0	8	199	0	0	0	0	0	0
300080	0	0	9	189	21	467	0	0	0	0
900080	0	0	20	3416	23	1102	3	74	0	0
9800000002	1	20	4	714	11	116	2	42	1	270
9900000002	8	16	80	72	170	140	41	27	0	0
Y-T-D Tot	24	1252	147	5651	292	9007	59	372	13	590
NC YTD Tot	14	1163	3	319	5	479	0	0	0	0
C&F YTD	298	13137	433	7554	1000	13409	249	3102	25	5172
C&F NC YTD*	36	6497	11	1217	26	2379	2	446	3	135

Other Manufacturing Technology

1000000000	0	2572	0	5953	0	18020	0	1693	0	398
2000000000	0	863	0	1808	0	5111	0	333	0	89
2710003070	0	0	0	28	0	86	0	42	0	212
8428900010	0	0	45	447	1	44	0	0	0	0
8431390090	0	544	0	1720	0	265	0	128	0	1248
8456100000	0	0	0	0	4	257	0	0	0	0
200000	0	0	0	0	0	0	1	20	0	0
8477106010	1	38	0	0	0	0	0	0	0	0
106070	0	0	5	328	50	4873	0	0	0	0
200005	0	0	0	0	0	0	0	0	0	0
200015	0	0	0	0	1	30	0	0	0	0
200030	2	1619	0	0	1	23	0	0	0	0
200060	0	0	0	0	0	0	0	0	0	0
300000	0	0	3	338	10	327	0	0	0	0
400000	0	0	35	11	0	0	0	0	0	0
510010	2	150	0	0	0	0	0	0	0	0
510090	0	0	0	0	0	0	0	0	0	0
590000	0	0	9	87	21	561	3	36	5	105
800000	7	1485	1	21	82	83	1	38	2	18
8479899040	1	47	216	1617	89	1073	0	0	0	0
908040	0	0	0	465	0	1065	0	0	0	3
8537100030	33	326	39	492	28	382	1	16	0	0
9024100000	0	158	0	376	0	567	0	66	0	33
9031100000	0	103	0	6	0	33	0	31	0	0
[illegible]00	0	143	0	9	0	68	0	15	0	0
9032810040	328	16	4229	334	12364	855	316	38	80	4

Note: Product Code 1000000000 represents aggregated machine tool parts codes 8466100010 through 8466940000.
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Metal Forming

	Italy		Japan		Korea		Malaysia		Mexico	
	Units	$000	Units	$000	Units	$000	Units	$000	Units	$000
8454300010	0	0	0	0	1	7	0	0	9	87
8462100030	0	0	1	1260	0	0	0	0	0	0
100050	3	303	2	142	9	1121	0	0	9	521
210080	1	25	3	132	2	2015	0	0	25	1746
290030	0	0	0	0	0	0	0	0	10	144
290040	0	0	0	0	0	0	0	0	10	505
290050	8	187	9	1130	12	1185	1	84	40	2218
310080	0	0	1	60	0	0	0	0	9	528
390050	1	4	2	27	1	56	0	0	34	702
410080	1	85	0	0	1	181	0	0	5	902
490050	3	298	15	916	7	76	0	0	24	395
910060	0	0	0	0	0	0	0	0	1	58
910090	1	64	0	0	2	27	1	18	46	1429
990030	1	44	2	438	15	923	7	455	3	23
990040	0	0	1	141	2	112	0	0	2	101
990060	2	50	11	1351	1	22	2	209	73	3627
8463100080	0	0	2	50	0	0	0	0	11	178
200080	0	0	0	0	0	0	0	0	1	9
300080	0	0	11	845	1	30	2	17	33	1041
900080	2	10	56	1156	28	2550	0	0	41	433
9800000002	3	111	9	174	62	1117	2	8	326	6287
9900000002	133	81	347	181	84	72	20	17	724	743
Y-T-D Tot	159	1262	472	8002	228	9493	35	808	1436	21677
NC YTD Tot	3	154	6	630	18	3119	7	455	43	3256
C&F YTD	401	4983	1444	21707	687	23338	193	1240	4579	36784
C&F NC YTD*	7	1619	39	3072	58	9966	7	455	82	7357

Other Manufacturing Technology

1000000000	0	5724	0	26289	0	9182	0	1314	0	12385
2000000000	0	963	0	4004	0	2344	0	762	0	5970
2710003070	0	4	0	141	0	68	0	5	0	35
8428900010	76	748	27	51	8	80	1	3	1	9
8431390090	0	98	0	376	0	954	0	0	0	3641
8456100000	3	278	7	509	8	365	0	0	1	64
200000	2	51	0	0	0	0	0	0	0	0
8477106010	3	193	0	0	0	0	0	0	30	2959
106070	0	0	7	1055	0	0	5	215	15	1196
200005	0	0	0	0	0	0	0	0	3	1129
200015	2	122	0	0	0	0	0	0	4	928
200030	1	136	0	0	0	0	3	70	16	732
200060	0	0	0	0	1	1585	0	0	15	1055
300000	42	1067	0	0	2	1955	3	480	24	3116
400000	0	0	101	585	14	114	0	0	56	709
510010	0	13	0	0	12	279	19	10	17	167
510090	0	0	2	14	0	0	0	0	16	152
590000	9	163	27	643	1	14	26	13	121	698
800000	3	19	26	1506	47	1355	2	217	291	6269
8479899040	29	262	40	532	6	39	1	8	147	1912
908040	0	84	0	1701	0	46	0	0	0	488
8537100030	14	230	24	384	10	123	1	12	9	112
9024100000	0	168	0	3223	0	603	0	11	0	313
9031100000	0	12	0	183	0	742	0	3	0	508
300000	0	49	0	166	0	66	0	0	0	29
9032810040	6102	775	11541	839	13435	730	86	13	2323	286

Note: Product Code 1000000000 represents aggregated machine tool parts codes 8466100010 through 8466940000.
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Metal Forming

	Netherlands		Singapore		Spain		Switzerland		Taiwan	
	Units	$000	Units	$000	Units	$000	Units	$000	Units	$000
8454300010	4	21	1	12	1	13	0	0	0	0
8462100030	0	0	0	0	0	0	0	0	0	0
100050	2	157	1	103	0	0	0	0	0	0
210080	0	0	0	0	0	0	0	0	11	495
290030	0	0	0	0	0	0	0	0	0	0
290040	0	0	0	0	0	0	0	0	3	136
290050	2	27	0	0	0	0	3	51	4	93
310080	0	0	1	58	0	0	0	0	0	0
390050	0	0	2	28	0	0	0	0	0	0
410080	2	175	0	0	0	0	2	346	6	746
490050	3	54	5	52	0	0	0	0	3	25
910060	0	0	0	0	0	0	0	0	0	0
910090	6	59	1	21	0	0	0	0	0	0
990030	0	0	0	0	0	0	10	657	0	0
990040	0	0	0	0	0	0	0	0	1	68
990060	0	0	12	314	0	0	2	70	2	320
8463100080	0	0	0	0	0	0	4	100	0	0
200080	0	0	0	0	0	0	0	0	1	8
300080	0	0	4	425	11	120	3	65	10	169
900080	9	143	1	12	4	359	0	0	29	683
9800000002	0	0	10	519	1	6	6	8	2	1175
9900000002	36	35	78	72	0	0	105	96	0	0
Y-T-D Tot	64	672	116	1614	17	498	135	1392	72	3917
NC YTD Tot	2	175	1	58	0	0	12	1003	17	1241
C&F YTD	210	2078	1019	4257	167	629	299	4243	561	10153
C&F NC YTD*	14	812	6	626	0	0	20	3297	36	6381

Other Manufacturing Technology

1000000000	0	2749	0	2549	0	1374	0	1824	0	3370
2000000000	0	1518	0	1142	0	369	0	505	0	412
2710003070	0	42	0	89	0	4	0	4	0	162
8428900010	10	105	0	0	32	320	0	0	4	88
8431390090	0	229	0	140	0	81	0	0	0	380
8456100000	9	545	2	300	0	0	5	218	28	659
200000	0	0	0	0	0	0	0	0	0	0
8477105010	0	0	0	0	0	0	1	77	0	0
106070	2	125	0	0	0	0	1	50	2	140
200005	0	0	0	0	0	0	0	0	3	103
200015	0	0	0	0	0	0	0	0	1	51
200030	0	0	0	0	1	33	0	0	0	0
200060	0	0	0	0	0	0	0	0	0	0
300000	3	6	0	0	0	0	0	0	0	0
400000	0	0	25	211	0	0	0	0	0	0
510010	394	491	1	7	0	0	0	0	0	0
510090	0	0	0	0	0	0	18	13	0	0
590000	9	160	0	0	11	79	0	0	30	950
800000	9	119	93	956	0	0	0	0	2	3
8479899040	8	47	9	1519	1	315	41	425	2	35
908040	0	6	0	40	0	16	0	229	0	0
8537100030	10	145	4	57	1	12	0	0	3	42
9024100000	0	75	0	1250	0	224	0	54	0	1224
9031100000	0	24	0	96	0	34	0	0	0	160
300000	0	0	0	82	0	0	0	37	0	33
9032810040	12230	1202	3204	296	5720	368	192	47	1557	82

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Metal Forming

	Thailand		U.K.		USSR		Venezuela		All Other	
	Units	$000	Units	$000	Units	$000	Units	$000	Units	$000
8454300010	2	8	16	118	0	0	2	9	8	48
8462100030	0	0	0	0	0	0	0	0	0	0
100050	1	33	1	40	0	0	0	0	5	264
210080	0	0	15	1245	0	0	0	0	21	1152
290030	0	0	0	0	0	0	0	0	3	23
290040	0	0	0	0	0	0	0	0	0	0
290050	2	51	8	139	0	0	0	0	28	806
310080	0	0	3	106	0	0	0	0	8	488
390050	0	0	11	258	0	0	1	31	4	63
410080	1	682	3	567	0	0	0	0	2	213
490050	9	690	7	60	0	0	0	0	11	203
910060	0	0	0	0	0	0	0	0	1	84
910090	2	71	4	140	0	0	1	22	9	219
990030	0	0	0	0	0	0	0	0	2	515
990040	0	0	1	741	0	0	0	0	1	30
990060	0	0	7	123	0	0	2	185	4	426
8463100080	0	0	1	6	0	0	1	34	15	882
200080	0	0	0	0	0	0	0	0	0	0
300080	0	0	4	92	6	66	0	0	49	678
900080	3	1375	72	2295	2	46	5	125	151	8217
9800000002	5	52	8	612	1	10	21	638	156	1168
9900000002	53	20	196	143	0	0	30	20	440	350
Y-T-D Tot	78	2982	357	6685	9	122	63	1064	918	15829
NC YTD Tot	1	682	21	1918	0	0	0	0	34	2452
C&F YTD	1171	3940	1005	11217	9	122	1323	2870	3373	28996
C&F NC YTD*	6	1152	45	4558	0	0	6	378	66	4667

Other Manufacturing Technology

1000000000	0	690	0	11881	0	223	0	2653	0	31409
2000000000	0	2324	0	4068	0	0	0	1342	0	9962
2710003070	0	7	0	38	0	0	0	86	0	495
8428900010	0	0	153	1556	0	0	0	0	47	1110
8431390090	0	737	0	3893	0	0	0	454	0	5795
8456100000	0	0	13	319	0	0	0	0	5	86
200000	0	0	0	0	0	0	0	0	1	33
8477106010	0	0	4	267	0	0	2	77	9	619
106070	0	0	18	1162	0	0	4	365	14	2781
200005	0	0	0	0	0	0	0	0	0	13
200015	0	0	0	0	0	0	0	0	2	247
200030	0	0	2	48	0	0	3	230	6	1575
200060	0	0	0	0	0	0	4	85	2	59
300000	0	0	25	1128	0	0	21	390	24	1428
400000	1	9	20	189	0	0	0	0	121	2371
510010	0	0	20	5	0	0	3	14	837	2582
510090	213	624	0	0	0	0	1	45	50	404
590000	31	467	17	409	0	0	5	82	39	572
800000	3	45	56	1554	0	0	4	84	156	4550
8479899040	0	0	52	556	0	0	2	9	44	592
908040	0	0	0	623	0	0	0	0	0	535
8537100030	1	15	130	1964	0	0	5	71	53	727
9024100000	0	53	0	3265	0	0	0	35	0	1192
9031100000	0	0	0	24	0	0	0	62	0	777
300000	0	28	0	57	0	0	0	0	0	34
9032810040	0	0	10520	1129	705	49	1816	136	14092	1200

Note: Product Code 1000000000 represents aggregated machine tool parts codes 8466100010 through 8466940000.
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	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
EUROPE						
Bulgaria	0	0	0	0	0	0
Czechoslovakia	1	10	0	0	1	10
Denmark	32	110	26	197	58	307
Finland	48	18	19	302	67	320
Greece	2	3	1	139	3	142
Hungary	8	12	2	23	10	35
Iceland	0	0	0	0	0	0
Ireland	8	633	10	26	18	659
Luxembourg	0	0	0	0	0	0
Norway	12	69	46	31	58	101
Poland	2	2416	2	3	4	2419
Portugal	78	99	0	0	78	99
Romania	0	0	0	0	0	0
Sweden	43	265	67	213	110	478
Turkey	5	646	8	840	13	1486
Yugoslavia	2	39	0	0	2	39
Oth Europe	12	1105	9	42	21	1147
TOTAL	2639	25185	1597	34441	4236	59627
NORTH AND CENTRAL AMERICA						
Bahamas	0	0	0	0	0	0
Barbados	2	17	10	35	12	52
Belize	0	0	1	6	1	6
Bermuda	0	0	0	0	0	0
Costa Rica	40	286	29	149	69	435
Dominican Rep	28	176	29	173	57	348
El Salvador	7	24	41	359	48	383
Guatemala	24	116	12	514	36	629
Haiti	0	0	0	0	0	0
Honduras	88	42	27	222	115	264
Jamaica	0	0	20	860	20	860
Panama	288	45	6	[illegible]	294	250
Trinidad	10	6	2	55	12	61
Oth N & C Am.	16	181	8	29	24	210
TOTAL	5047	38888	2504	40714	7551	79602
SOUTH AMERICA						
Argentina	84	438	35	301	119	739
Bolivia	0	0	0	0	0	0
Chile	281	1117	25	220	306	1337
Colombia	51	359	81	426	132	785
Ecuador	31	53	2	14	33	67
Paraguay	0	0	0	0	0	0
Peru	6	18	13	153	19	171
Uruguay	2	7	0	0	2	7
Oth South Am.	0	0	3	33	3	33
TOTAL	1815	7556	414	4272	2229	11828
OCEANIA						
New Zealand	6	317	43	50	49	367
Oth Oceania	5	3	5	4	10	7
TOTAL	263	1586	108	581	371	2167

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	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
ASIA						
Bangladesh	0	0	0	0	0	0
Hong Kong	337	1875	39	98	376	1973
Iran	0	0	0	0	0	0
Iraq	0	0	0	0	0	0
Israel	24	116	20	39	44	155
Jordan	0	0	7	57	7	57
Kuwait	32	281	1	182	33	463
Laos	0	0	0	0	0	0
Lebanon	0	0	0	0	0	0
Macao	0	0	0	0	0	0
Oman	0	0	3	72	3	72
Pakistan	14	82	6	251	20	333
Philippines	106	193	106	834	212	1027
Qatar	0	0	0	0	0	0
Saudi Arabia	55	540	111	7376	166	7915
Sri Lanka	0	0	0	0	0	0
Syria	1	7	9	15	10	22
United Arab Emr	112	154	4	72	116	226
Vietnam	0	0	0	0	0	0
Oth Asia	7	7	1	6	8	13
TOTAL	5238	60270	1404	38033	6642	98303
AFRICA						
Algeria	0	0	2	18	2	18
Botswana	0	0	0	0	0	0
Egypt	28	381	7	771	35	1152
Ethiopia	0	0	0	0	0	0
Gabon	25	217	0	0	25	217
Ghana	1	78	0	0	1	78
Guinea	0	0	0	0	0	0
Kenya	0	0	0	0	0	0
Malawi	0	0	0	0	0	0
Mauritius	0	0	0	0	0	0
Morocco	22	14	12	300	34	314
Niger	0	0	0	0	0	0
Nigeria	0	0	1	30	1	30
South Africa	294	381	7	86	301	467
Sudan	0	0	0	0	0	0
Swaziland	0	0	0	0	0	0
Tunisia	0	0	0	0	0	0
Zaire	0	0	0	0	0	0
Zambia	5	3	0	0	5	3
Zimbabwe	166	5	0	0	166	5
Oth Africa	4	200	0	0	4	200
TOTAL	545	1280	29	1204	574	2484

Note: Region totals include top countries detailed by product as well as countries listed above.
** West and East Germany are combined.
Cutting Section Notes:
Total for Metal Cutting and Metal Forming appears in Metal Forming Section.
Product Code 9000000001, Metal cutting machine tools, n.e.c., represents the total of codes: 8461900040 and 8461900080.
n.e.c. - Not elsewhere classified.
* "NC Y-T-D Cutting Total" does not include code 8456300000.

U.S. IMPORTS - Metal Cutting Machine Tools - January 92 - March 92

RELEASED: May 27, 1992

		TOTAL YTD UNITS	TOTAL YTD $000
8456301020	Traveling wire electro-discharge machines	201	15596
301050	Electro-discharge machines, n.e.c., NC	42	3710
301070	Electro-discharge machines, n.e.c., non-NC	50	711
8457100015	Vert. mach. ctrs., ATC, Y-axis travel not over 660mm (26")	482	37629
100025	Vert. mach. ctrs., ATC, Y-axis travel over 660mm (26")	35	8043
100035	Horizontal machining centers, ATC	108	24098
100045	Machining centers, n.e.c.	17	4637
200010	Unit construction mach. (single station transfer), NC	1	168
200090	Unit construction mach. (single station transfer), non-NC	5	667
300010	Multi-station transfer machines, NC	13	16052
300090	Multi-station transfer machines, non-NC	18	6065
8458110010	Horizontal lathes, multiple spindle, NC	73	10978
110030	Horiz. lathes, power rating under 18.65 kW (25 HP), NC	486	33046
110050	Horiz. lathes, power rating 18.65-37.3 kW (25-50 HP), NC	103	16503
110090	Horiz. lathes, power rating over 37.3 kW (50 HP), NC	11	4093
190030	Horizontal engine or toolroom lathes, non-NC	520	4973
190050	Automatic bar and/or chucking mach., single spindle, non-NC	33	1446
190070	Automatic bar and/or chucking mach., mult. spindle, non-NC	8	923
190090	Horizontal lathes, n.e.c., non-NC	22	390
911060	Vertical turret lathes, multiple spindle, NC	8	1763
911080	Vertical turret lathes, n.e.c., NC	16	2305
915050	Vertical lathes, excl. VTL's, multiple spindle, NC	0	0
915070	Vertical lathes, excluding VTL's, n.e.c., NC	14	2145
991050	Vertical turret lathes, non-NC	10	427
995090	Vertical lathes, n.e.c., excl. VTL's, non-NC	105	4740
8459100000	Way-type unit head machines	2	84
210080	Other drilling machines, NC	34	3264
290040	Drilling machines, multiple spindle, non-NC	81	2502
290050	Drilling machines, radial, non-NC	27	322
290070	Drilling, upright, ex. sensitive, turret & deep hole, non-NC	9	106
290090	Drilling machines, n.e.c., non-NC	86	3491
310010	Boring-milling mach., horiz. spind., table, excl. planer, NC	5	949
310040	Boring-milling mach., horiz. spindle, n.e.c., NC	15	2628
310070	Boring-milling machines, n.e.c., NC	1	170
390040	Boring-milling mach., horiz. spindle, n.e.c., non-NC	6	363
390050	Boring-milling mach., excl. horiz. spindle, n.e.c., non-NC	33	1351
400040	Boring machines, vertical, NC	3	675
400050	Boring machines, vertical, non-NC	18	247
400070	Boring machines, n.e.c., NC	0	0
400080	Boring machines, n.e.c., non-NC	25	1809
510080	Milling machines, knee type, NC	70	1481
590030	Milling machines, knee type, non-NC	417	3928
610080	Milling machines, excluding knee type, n.e.c., NC	36	3645
690050	Milling machines, profile, dup., or die sinking, non-NC	3	14
690070	Milling machines, bed type, non-NC	20	713
690090	Milling machines, n.e.c., non-NC	34	950
700020	Threading or tapping machines, n.e.c., NC	104	5673
700080	Threading or tapping machines, n.e.c., non-NC	10	166
8460110080	Flat surface grinding machines, NC	27	1293
190010	Flat surface grinding mach., recip.-table type, non-NC	241	3759
190050	Flat surface grinding machines, n.e.c., non-NC	197	4270
210080	Grinding mach., of an accuracy at least 0.01mm, n.e.c., NC	69	18547
290010	Grinding mach., external cylindrical, (incl. univ.), non-NC	40	1560
290030	Grinding machines, internal cylindrical, non-NC	21	3331
290050	Grinding mach., of accuracy at least 0.01mm, n.e.c., non-NC	166	9079
310080	Sharpening machines (tool & cutter grinding), NC	48	1668
390050	Sharpening machines (tool & cutter grinding), non-NC	238	1879
400060	Honing or lapping machines, NC	5	356
400080	Honing or lapping machines, non-NC	40	3998
900060	Grinding, honing, polishing, & lapping mach., n.e.c., NC	4	294
900080	Grinding, honing, polishing, & lapping mach., n.e.c., non-NC	252	5914
8461100060	Planing machines, NC	0	0
100080	Planing machines, non-NC	0	0
200010	Shaping or slotting machines, NC	3	115
200090	Shaping or slotting machines, non-NC	16	1821
300060	Broaching machines, NC	2	403
300080	Broaching machines, non-NC	5	4897
401020	Gear cutting for bevel gears	0	0
401030	Gear hobbers	16	5372
401040	Gear shapers	3	46
401060	Gear cutting machines, n.e.c.	35	161
405050	Gear grinding or finishing for bevel gears	2	1010
405070	Gear grinding or finishing machines, n.e.c.	8	1540
500050	Sawing or cutting-off machines, NC	18	1776
500090	Sawing or cutting-off machines, non-NC	314	5261
9000000001	Metal cutting machine tools, n.e.c.	63	4481
9800000001	Used or rebuilt machine tools	1756	11096
9900000001	Machine tools valued at less than $3,025	242270	20830
	Y-T-D Cutting Total	249279	350403
	NC Y-T-D Cutting Total	2064	225363

Please see notes on last page of the metal forming section.

U.S. IMPORTS - Metal Cutting Machine Tools - January 92 - March 92

	Belgium		Brazil		Canada		France		Germany **	
	Units	$000	Units	$000	Units	$000	Units	$000	Units	$000
8456301020	0	0	0	0	0	0	0	0	0	0
301050	0	0	0	0	0	0	0	0	2	101
301070	0	0	0	0	1	10	0	0	0	0
8457100015	0	0	0	0	0	0	0	0	6	457
100025	0	0	0	0	0	0	0	0	8	2108
100035	0	0	0	0	0	0	0	0	11	1911
100045	0	0	1	621	1	29	0	0	7	618
200010	0	0	0	0	1	168	0	0	0	0
200090	0	0	0	0	0	0	0	0	0	0
300010	0	0	0	0	10	2261	0	0	3	13792
300090	0	0	0	0	0	0	0	0	3	4030
8458110010	0	0	12	522	0	0	0	0	6	1626
110030	0	0	0	0	0	0	0	0	1	253
110050	0	0	0	0	0	0	1	70	7	946
110090	0	0	0	0	0	0	0	0	3	1241
190030	0	0	20	220	0	0	0	0	0	0
190050	0	0	2	21	0	0	2	266	1	27
190070	0	0	0	0	0	0	0	0	1	38
190090	0	0	0	0	1	4	0	0	0	0
911060	0	0	0	0	0	0	0	0	0	0
911080	0	0	0	0	0	0	1	1320	0	0
915050	0	0	0	0	0	0	0	0	0	0
915070	0	0	0	0	0	0	0	0	0	0
991050	0	0	0	0	0	0	1	106	1	2
995090	0	0	39	315	4	156	0	0	13	1406
8459100000	0	0	0	0	0	0	1	29	0	0
210080	0	0	0	0	0	0	0	0	8	172
290040	0	0	0	0	2	10	0	0	45	415
290050	0	0	4	53	0	0	0	0	0	0
290070	0	0	0	0	0	0	0	0	1	21
290090	1	33	9	55	0	0	0	0	3	87
310010	0	0	0	0	0	0	0	0	0	0
310040	0	0	0	0	0	0	0	0	9	1588
310070	0	0	0	0	0	0	0	0	1	170
390040	0	0	0	0	2	322	0	0	0	0
390050	0	0	0	0	0	0	0	0	3	199
400040	0	0	0	0	0	0	0	0	1	419
400050	0	0	0	0	0	0	0	0	0	0
400070	0	0	0	0	0	0	0	0	0	0
400080	0	0	0	0	3	32	0	0	2	952
510080	0	0	0	0	0	0	0	0	1	660
590030	0	0	1	14	1	200	0	0	17	218
610080	0	0	0	0	3	9	0	0	9	523
690050	0	0	0	0	0	0	0	0	0	0
690070	0	0	0	0	0	0	0	0	0	0
690090	0	0	0	0	1	3	0	0	0	0
700020	0	0	0	0	0	0	0	0	0	0
700080	0	0	0	0	0	0	0	0	1	70
8460110080	0	0	0	0	2	90	1	9	5	170
190010	0	0	0	0	0	0	0	0	3	150
190050	0	0	1	15	0	0	3	12	5	564
210080	0	0	0	0	0	0	0	0	20	6301
290010	0	0	0	0	4	14	0	0	0	0
290030	0	0	0	0	0	0	0	0	2	710
290050	0	0	0	0	2	15	0	0	48	3879
310080	0	0	0	0	0	0	0	0	14	522
390050	0	0	0	0	12	69	0	0	13	259
400060	0	0	0	0	0	0	0	0	2	229
400080	0	0	0	0	2	28	0	0	12	1864
900060	0	0	0	0	0	0	0	0	0	0
900080	0	0	0	0	4	87	22	85	32	1498
8461100060	0	0	0	0	0	0	0	0	0	0
100080	0	0	0	0	0	0	0	0	0	0
200010	0	0	0	0	0	0	0	0	3	115
200090	0	0	0	0	1	3	0	0	7	1342
300060	0	0	0	0	0	0	0	0	0	0
300080	0	0	0	0	0	0	0	0	0	0
401020	0	0	0	0	0	0	0	0	0	0
401030	0	0	0	0	0	0	0	0	10	4687
401040	0	0	0	0	0	0	0	0	0	0
401060	0	0	0	0	0	0	0	0	0	0
405050	0	0	0	0	0	0	0	0	1	933
405070	0	0	0	0	0	0	0	0	3	817
500050	0	0	0	0	0	0	0	0	0	0
500090	0	0	0	0	69	723	1	35	31	844
9000000001	0	0	0	0	7	24	5	45	16	1951
9800000001	2	138	0	0	107	2375	1	18	76	1692
9900000001	2	3	0	0	266	120	265	419	962	658
Y-T-D Tot	5	174	89	1835	506	6753	304	2413	1439	63233
NC YTD Tot	0	0	13	1143	17	2557	4	1417	129	34241

Please see notes on last page of the metal forming section.

U.S. IMPORTS - Metal Cutting Machine Tools - January 92 - March 92

	Italy		Japan		Korea		Singapore		Spain	
	Units	$000	Units	$000	Units	$000	Units	$000	Units	$000
8456301020	0	0	119	11057	0	0	0	0	0	0
301050	0	0	33	2789	0	0	0	0	0	0
301070	0	0	15	259	0	0	0	0	0	0
8457100015	0	0	324	28721	6	284	44	2629	0	0
100025	1	1239	14	3697	0	0	0	0	0	0
100035	0	0	90	21639	6	477	0	0	0	0
100045	3	1528	4	1699	0	0	0	0	0	0
200010	0	0	0	0	0	0	0	0	0	0
200090	0	0	0	0	0	0	0	0	0	0
300010	0	0	0	0	0	0	0	0	0	0
300090	2	208	3	361	0	0	0	0	0	0
8458110010	0	0	55	8831	0	0	0	0	0	0
110030	0	0	308	26174	33	2074	0	0	0	0
110050	0	0	83	14274	0	0	0	0	0	0
110090	3	1508	3	747	0	0	0	0	0	0
190030	0	0	3	209	12	126	37	472	4	167
190050	0	0	1	44	0	0	0	0	0	0
190070	0	0	0	0	0	0	0	0	0	0
190090	2	8	2	144	0	0	0	0	0	0
911060	0	0	8	1763	0	0	0	0	0	0
911080	0	0	1	154	1	119	0	0	1	79
915050	0	0	0	0	0	0	0	0	0	0
915070	0	0	14	2145	0	0	0	0	0	0
991050	0	0	6	316	0	0	0	0	0	0
995090	1	19	5	495	29	1912	0	0	0	0
8459100000	0	0	1	55	0	0	0	0	0	0
210080	0	0	25	3011	0	0	0	0	0	0
290040	0	0	31	2068	0	0	0	0	0	0
290050	0	0	0	0	0	0	0	0	3	112
290070	0	0	5	26	0	0	0	0	0	0
290090	7	26	16	2805	0	0	0	0	31	285
310010	0	0	3	781	0	0	0	0	0	0
310040	0	0	0	0	0	0	0	0	0	0
310070	0	0	0	0	0	0	0	0	0	0
390040	0	0	0	0	0	0	0	0	0	0
390050	0	0	1	149	0	0	0	0	0	0
400040	0	0	0	0	0	0	0	0	0	0
400050	3	185	0	0	0	0	0	0	0	0
400070	0	0	0	0	0	0	0	0	0	0
400080	14	238	4	406	0	0	0	0	0	0
510080	0	0	0	0	0	0	3	111	0	0
590030	1	3	5	48	0	0	0	0	184	1776
610080	0	0	6	914	0	0	4	139	0	0
690050	0	0	0	0	0	0	0	0	0	0
690070	0	0	2	69	0	0	0	0	12	443
690090	1	18	12	562	0	0	0	0	0	0
700020	0	0	77	4998	0	0	0	0	0	0
700080	0	0	4	60	1	5	0	0	1	21
8460110080	0	0	3	291	0	0	0	0	0	0
190010	5	93	23	886	0	0	148	1766	1	54
190050	2	30	15	1523	0	0	0	0	2	77
210080	0	0	29	6704	0	0	0	0	0	0
290010	3	46	4	465	0	0	0	0	1	48
290030	0	0	10	2081	0	0	0	0	0	0
290050	15	222	29	1245	0	0	0	0	0	0
310080	1	1	17	127	0	0	0	0	0	0
390050	0	0	152	930	0	0	0	0	0	0
400060	0	0	2	109	0	0	0	0	0	0
400080	0	0	8	670	0	0	0	0	0	0
900060	0	0	1	159	0	0	0	0	0	0
900080	9	337	82	2011	0	0	0	0	0	0
8461100060	0	0	0	0	0	0	0	0	0	0
100080	0	0	0	0	0	0	0	0	0	0
200010	0	0	0	0	0	0	0	0	0	0
200090	5	36	3	440	0	0	0	0	0	0
300060	0	0	1	349	0	0	0	0	0	0
300080	0	0	4	1701	0	0	0	0	0	0
401020	0	0	0	0	0	0	0	0	0	0
401030	0	0	3	609	1	53	0	0	0	0
401040	0	0	0	0	0	0	0	0	0	0
401060	2	2	1	153	0	0	0	0	0	0
405050	0	0	0	0	0	0	0	0	0	0
405070	2	17	3	706	0	0	0	0	0	0
500050	4	38	3	133	0	0	0	0	0	0
500090	29	126	37	1802	36	901	0	0	2	8
9000000001	5	246	19	2007	0	0	0	0	0	0
9800000001	7	78	89	3854	8	318	0	0	3	12
9900000001	7863	1671	19443	3048	4413	402	48	8	70	13
Y-T-D Tot	7990	7923	21264	173470	4546	6670	284	5126	315	3095
NC YTD Tot	12	4315	1230	142587	46	2954	51	2879	1	79

Please see notes on last page of the metal forming section.

U.S. IMPORTS - Metal Cutting Machine Tools - January 92 - March 92

	Sweden		Switzerland		Taiwan		U.K.		All Other	
	Units	$000	Units	$000	Units	$000	Units	$000	Units	$000
8456301020	0	0	22	2243	1	5	0	0	59	2291
301050	0	0	6	778	0	0	0	0	1	42
301070	0	0	0	0	31	358	1	11	2	75
8457100015	0	0	0	0	45	2165	41	2487	16	887
100025	0	0	0	0	3	189	0	0	9	810
100035	0	0	0	0	1	71	0	0	0	0
100045	1	142	0	0	0	0	0	0	0	0
200010	0	0	0	0	0	0	0	0	0	0
200090	2	110	2	428	0	0	0	0	1	129
300010	0	0	0	0	0	0	0	0	0	0
300090	0	0	10	1467	0	0	0	0	0	0
8458110010	0	0	0	0	0	0	0	0	0	0
110030	0	0	7	754	30	1296	21	1074	86	1420
110050	0	0	1	150	9	795	1	173	1	94
110090	0	0	0	0	0	0	1	304	1	293
190030	0	0	10	35	104	950	18	228	312	2568
190050	0	0	2	177	19	155	4	744	2	11
190070	0	0	5	834	0	0	2	51	0	0
190090	0	0	0	0	1	10	12	186	4	38
911060	0	0	0	0	0	0	0	0	0	0
911080	0	0	0	0	0	0	12	633	0	0
915050	0	0	0	0	0	0	0	0	0	0
915070	0	0	0	0	0	0	0	0	0	0
991050	0	0	0	0	0	0	2	4	0	0
995090	0	0	1	9	3	195	7	214	3	19
8459100000	0	0	0	0	0	0	0	0	0	0
210080	0	0	0	0	0	0	0	0	1	82
290040	0	0	3	10	0	0	0	0	0	0
290050	0	0	0	0	19	139	0	0	1	18
290070	0	0	0	0	3	60	0	0	0	0
290090	12	49	4	135	1	3	1	6	1	7
310010	0	0	0	0	2	168	0	0	0	0
310040	0	0	0	0	0	0	1	921	5	120
310070	0	0	0	0	0	0	0	0	0	0
390040	0	0	0	0	0	0	4	41	0	0
390050	0	0	0	0	23	200	1	41	5	762
400040	0	0	0	0	0	0	0	0	2	256
400050	0	0	0	0	15	62	0	0	0	0
400070	0	0	0	0	0	0	0	0	0	0
400080	0	0	0	0	0	0	0	0	2	181
510080	0	0	0	0	46	537	2	85	18	88
590030	0	0	0	0	159	795	29	759	20	115
610080	0	0	1	1582	2	74	5	177	6	227
690050	0	0	0	0	3	14	0	0	0	0
690070	6	201	0	0	0	0	0	0	0	0
690090	0	0	2	201	5	37	2	62	11	67
700020	0	0	0	0	27	675	0	0	0	0
700080	0	0	0	0	3	9	0	0	0	0
8460110080	0	0	2	568	6	83	7	57	1	24
190010	0	0	0	0	13	155	0	0	48	655
190050	0	0	1	117	155	1304	4	605	9	25
210080	0	0	11	1955	0	0	9	3587	0	0
290010	2	20	11	748	9	124	6	94	0	0
290030	1	283	1	186	0	0	0	0	7	71
290050	4	1074	12	2125	25	277	22	125	9	118
310080	0	0	10	608	0	0	1	6	5	404
390050	0	0	0	0	3	18	54	558	4	45
400060	0	0	1	18	0	0	0	0	0	0
400080	2	24	4	1268	0	0	12	145	0	0
900060	0	0	1	114	0	0	0	0	2	21
900080	1	8	10	1020	12	132	38	280	42	456
8461100060	0	0	0	0	0	0	0	0	0	0
100080	0	0	0	0	0	0	0	0	0	0
200010	0	0	0	0	0	0	0	0	0	0
200090	0	0	0	0	0	0	0	0	0	0
300060	0	0	1	54	0	0	0	0	0	0
300080	0	0	0	0	0	0	1	3196	0	0
401020	0	0	0	0	0	0	0	0	0	0
401030	0	0	0	0	0	0	2	24	0	0
401040	0	0	0	0	0	0	0	0	3	46
401060	0	0	21	2	0	0	11	4	0	0
405050	0	0	0	0	0	0	1	77	0	0
405070	0	0	0	0	0	0	0	0	0	0
500050	1	52	0	0	0	0	0	0	10	1553
500090	0	0	3	52	64	518	24	122	18	132
9000000001	3	61	0	0	2	42	1	34	5	72
9800000001	2	5	15	794	19	235	86	941	1341	635
9900000001	178	327	85	99	169776	11186	281	228	38618	2647
Y-T-D Tot	215	2358	265	18528	170639	23037	727	18283	40691	17504
NC YTD Tot	2	194	63	8822	172	6058	101	9505	223	8611

Please see notes on last page of the metal forming section.

U.S. IMPORTS
Metal Forming Machine Tools, Machine Tool Totals and Other Manufacturing Technology
January 92 - March 92

RELEASED: May 27, 1992

Metal Forming Machine Tools		TOTAL UNITS	YTD $000
8454300010	Die casting machines	107	6926
8462100030	Headers and upsetters, including cold headers	9	1646
100050	Forging or die stamping machines, and hammers, n.e.c.	306	19336
210080	Bending, folding, straight. or flat. mach., incl presses, NC	157	10666
290030	Press brakes, non-NC	47	1484
290040	Bending rolls, non-NC	15	696
290050	Bending, folding, straight., or flat., n.e.c., non-NC	204	9662
310080	Shearing machines, NC	5	743
390050	Shearing machines, non-NC	98	4979
410080	Punching or notching mach., incl. comb. punch & shear, NC	71	6827
490050	Punching or notching mach., incl. comb. punch & sh., non-NC	100	5332
910060	Hydraulic presses, NC	3	2062
910090	Hydraulic presses, non-NC	932	8704
990030	Presses, n.e.c., NC	0	0
990035	Mechanical transfer presses, non-NC	4	8627
990045	Mechanical presses, n.e.c., non-NC	26	993
990060	Presses, n.e.c., non-NC	98	6381
8463100080	Draw benches for bars, tubes, profiles, wire or the like	45	4050
200080	Thread rolling machines	18	809
300080	Machines for working wire	173	6638
900080	Metal forming machine tools, n.e.c.	161	6283
9800000002	Used or rebuilt machine tools	376	4684
9900000002	Machine tools valued at less than $3,025	3315	1663
	Y-T-D Forming Total	6270	119191
	NC Y-T-D Forming Total	236	20298
	Cutting and Forming Totals:		
	Y-T-D Total	255549	469594
	NC Y-T-D Total	2300	245660

Other Manufacturing Technology		TOTAL UNITS	YTD $000
1000000000	Machine tool parts and accessories	0	130851
2000000000	Parts for working rubber or plastics - heading 8477	0	70635
2710003070	Quenching or cutting oils	0	106
8428900010	Industrial robots for lifting, handling, loading or unload	869	9020
8431390080	Parts industrial robots, handling and loading - heading 8428	0	18163
8456101010	Laser, light or photon beam for working metal, NC	53	9454
101020	Laser, light or photon beam for working metal, non-NC	18	2273
105000	Laser, light or photon beam for other materials	41	1176
201010	Ultrasonic processes for working metal, NC	0	0
201050	Ultrasonic processes for working metal, non-NC	1	4
205000	Ultrasonic processes for working other materials	28	60
8477103000	Injection molding mach., for manufacturing shoes	32	875
106010	Injection molding mach., for rubber or oth. thermosetting	249	24672
106050	Injection molding mach., for thermoplastics	785	68755
200005	Extruders; rubber or other thermosetting mat., single screw	12	955
200015	Extruders; rubber or thermosetting, other incl. multi. screw	8	584
200035	Extruders; thermoplastics, single screw, less than 6.4cm	10	227
200045	Extruders; thermoplastics, single screw, 6.4cm or greater	12	4448
200055	Extruders; thermoplastics, mutli. screw, less than 6.4cm	21	1174
200065	Extruders; thermoplastics, multi. screw, 6.4cm or larger	14	5303
300000	Blow molding machines	66	18142
400000	Vacuum-molding and other thermoforming machines	91	874
510010	Machines for molding or retreading pneumatic tires	326	4918
510090	Machines for molding or otherwise forming inner tubes	10	323
590000	Machines for molding or otherwise forming n.e.c.	308	13048
800000	Machines for working rubber or plastics n.e.c.	1030	29206
8479899040	Industrial robots, n.e.c.	421	14569
908040	Industrial robot parts	0	8021
8537100030	Numerical controls for controlling machine tools	2041	7285
9024100000	Machines and appliances for testing metals	0	2452
9031100000	Machines for balancing mechanical parts	0	1129
300000	Profile projectors	0	755
9032810020	Industrial process control instr., hydraulic	29822	434
810060	Industrial process control instr., pneumatic	17237	442

Note: Product code 1000000000 represents aggregated machine tool parts codes 8466100010 through 8466945000.
Note: "0" in units column with corresponding value means that unit measure is not meaningful.
n.e.c. - Not elsewhere classified.

U.S. IMPORTS
Metal Forming Machine Tools, Machine Tool Totals and Other Manufacturing Technology
January 92 - March 92

Metal Forming

	Belgium		Brazil		Canada		France		Germany **	
	Units	$000	Units	$000	Units	$000	Units	$000	Units	$000
8454300010	0	0	0	0	18	783	0	0	2	518
8462100030	0	0	0	0	1	19	0	0	1	428
100050	0	0	7	9	5	194	0	0	172	5660
210080	2	227	0	0	29	1231	0	0	25	3378
290030	1	15	0	0	36	1263	0	0	0	0
290040	0	0	0	0	4	85	0	0	0	0
290050	0	0	0	0	39	1170	1	4	18	858
310080	0	0	0	0	0	0	0	0	0	0
390050	8	170	0	0	6	237	0	0	2	94
410080	0	0	0	0	0	0	1	18	15	725
490050	0	0	0	0	5	142	30	550	23	344
910060	0	0	0	0	1	146	0	0	0	0
910090	0	0	0	0	30	1752	0	0	38	1880
990030	0	0	0	0	0	0	0	0	0	0
990035	0	0	0	0	0	0	0	0	0	0
990045	0	0	0	0	5	62	0	0	4	375
990060	0	0	0	0	46	2441	2	23	5	1767
8463100080	4	1129	0	0	0	0	0	0	21	1797
200080	0	0	0	0	1	19	0	0	4	466
300080	4	1160	0	0	0	0	2	306	36	1336
900080	0	0	0	0	14	127	21	140	11	1377
9800000002	5	168	0	0	162	1931	20	812	35	388
9900000002	0	0	0	0	120	62	20	49	70	79
Y-T-D Tot	24	2869	7	9	522	11666	97	1901	482	21470
NC YTD Tot	2	227	0	0	30	1377	1	18	40	4103
C&F Y-T-D	29	3043	96	1844	1028	18419	401	4314	1921	84703
C&F NC YTD	2	227	13	1143	47	3935	5	1435	169	38345

Other Manufacturing Technology

1000000000	0	621	0	841	0	29463	0	1950	0	21547
2000000000	0	192	0	39	0	19742	0	4540	0	18818
2710003070	0	0	0	0	0	38	0	0	0	0
8428900010	0	0	0	0	13	711	4	326	6	839
8431390080	0	0	0	16	0	3975	0	709	0	3647
8456101010	0	0	0	0	0	0	0	0	17	2181
101020	0	0	0	0	1	130	0	0	17	2142
105000	3	1	0	0	29	364	0	0	1	287
201010	0	0	0	0	0	0	0	0	0	0
201050	0	0	0	0	1	4	0	0	0	0
205000	0	0	0	0	12	1	0	0	1	8
8477103000	0	0	0	0	0	0	0	0	0	0
106010	0	0	0	0	8	1313	11	973	19	3698
106050	0	0	0	0	124	17183	1	423	78	6616
200005	0	0	0	0	0	0	0	0	11	910
200015	0	0	0	0	3	29	0	0	3	157
200035	0	0	0	0	0	0	0	0	0	0
200045	0	0	0	0	0	0	0	0	3	947
200055	0	0	0	0	0	0	0	0	9	564
200065	0	0	0	0	0	0	1	414	7	1596
300000	0	0	0	0	7	443	22	10592	12	4952
400000	0	0	0	0	0	0	0	0	18	58
510010	0	0	0	0	29	930	0	0	3	2404
510090	0	0	0	0	0	0	0	0	2	3
590000	0	0	0	0	58	3016	27	2164	18	5013
800000	15	215	0	0	90	1548	22	2032	171	5587
8479899040	0	0	0	0	12	1434	5	990	15	743
908040	0	2	0	0	0	76	0	12	0	2048
8537100030	0	0	0	0	2	157	2	29	9	130
9024100000	0	0	0	0	0	272	0	3	0	514
9031100000	0	192	0	0	0	155	0	8	0	155
300000	0	0	0	0	0	0	0	0	0	121
9032810020	0	0	0	0	1	8	0	0	1154	20
810060	0	0	0	0	35	5	3	5	48	13

Note: Product Code 1000000000 represents aggregated machine tool parts codes 8466100010 through 8466945000.
Note: "0" in units column with corresponding value means that unit measure is not meaningful.

U.S. IMPORTS
Metal Forming Machine Tools, Machine Tool Totals and Other Manufacturing Technology
January 92 - March 92

Metal Forming

	Italy		Japan		Korea		Singapore		Spain	
	Units	$000	Units	$000	Units	$000	Units	$000	Units	$000
8454300010	4	175	70	4537	0	0	0	0	0	0
8462100030	2	209	5	990	0	0	0	0	0	0
100050	0	0	47	12167	4	229	0	0	3	22
210080	12	130	73	3684	0	0	0	0	0	0
290030	0	0	4	133	0	0	0	0	0	0
290040	4	33	3	481	0	0	0	0	0	0
290050	20	120	41	4940	0	0	0	0	5	92
310080	4	257	0	0	0	0	0	0	0	0
390050	4	26	22	3770	0	0	0	0	21	259
410080	13	753	35	4461	0	0	0	0	0	0
490050	15	194	8	3464	0	0	0	0	10	213
910060	0	0	2	1915	0	0	0	0	0	0
910090	34	171	40	3348	1	9	0	0	4	47
990030	0	0	0	0	0	0	0	0	0	0
990035	0	0	4	8627	0	0	0	0	0	0
990045	2	7	5	263	0	0	0	0	0	0
990060	4	57	15	1252	0	0	0	0	0	0
8463100080	0	0	17	1059	1	32	0	0	0	0
200080	0	0	2	191	0	0	0	0	0	0
300080	5	512	91	2594	0	0	0	0	0	0
900080	13	92	8	274	0	0	0	0	0	0
9800000002	3	4	19	699	0	0	0	0	0	0
9900000002	107	141	548	280	1	2	0	0	96	92
Y-T-D Tot	246	2879	1059	59125	7	270	0	0	139	724
NC YTD Tot	29	1139	110	10059	0	0	0	0	0	0
C&F Y-T-D	8236	10802	22323	232596	4553	6941	284	5126	454	3820
C&F NC YTD	41	5454	1340	152646	46	2954	51	2879	1	79

Other Manufacturing Technology

1000000000	0	4885	0	34817	0	352	0	164	0	680
2000000000	0	2411	0	14621	0	710	0	1	0	67
2710003070	0	0	0	40	0	0	0	0	0	0
8428900010	1	55	290	3508	0	0	0	0	0	0
8431390080	0	131	0	2133	0	6	0	2	0	368
8456101010	2	284	32	6247	0	0	0	0	0	0
101020	0	0	0	0	0	0	0	0	0	0
105000	0	0	0	0	0	0	0	0	0	0
201010	0	0	0	0	0	0	0	0	0	0
201050	0	0	0	0	0	0	0	0	0	0
205000	0	0	0	0	0	0	0	0	0	0
8477103000	14	790	0	0	0	0	0	0	18	85
106010	17	707	134	14111	4	221	2	119	0	0
106050	71	2939	402	36291	14	412	11	175	0	0
200005	0	0	0	0	0	0	0	0	0	0
200015	1	170	0	0	0	0	0	0	0	0
200035	0	0	0	0	0	0	0	0	0	0
200045	3	490	0	0	0	0	0	0	0	0
200055	0	0	6	537	0	0	0	0	0	0
200065	0	0	5	2232	0	0	0	0	0	0
300000	3	568	15	1191	0	0	0	0	0	0
400000	0	0	39	573	0	0	0	0	0	0
510010	6	832	276	660	0	0	0	0	1	10
510090	1	236	4	50	0	0	0	0	0	0
590000	10	204	18	1545	18	24	129	683	0	0
800000	24	2086	529	14105	0	0	0	0	1	19
8479899040	2	176	290	8329	1	47	1	7	2	84
908040	0	29	0	3497	0	0	0	18	0	0
8537100030	21	309	1921	6318	0	0	0	0	0	0
9024100000	0	29	0	943	0	17	0	2	0	0
9031100000	0	21	0	454	0	4	0	8	0	0
300000	0	0	0	146	0	0	0	0	0	0
9032810020	0	0	0	0	2738	15	0	0	0	0
810060	1570	105	3491	41	0	0	0	0	0	0

Note: Product Code 1000000000 represents aggregated machine tool parts codes 8466100010 through 8466945000.
Note: "0" in units column with corresponding value means that unit measure is not meaningful.

U.S. IMPORTS
Metal Forming Machine Tools, Machine Tool Totals and Other Manufacturing Technology
January 92 - March 92

Metal Forming

	Sweden		Switzerland		Taiwan		U.K.		All Other	
	Units	$000	Units	$000	Units	$000	Units	$000	Units	$000
8454300010	0	0	10	806	2	89	0	0	1	19
8462100030	0	0	0	0	0	0	0	0	0	0
100050	0	0	1	223	1	206	60	304	6	323
210080	0	0	0	0	2	32	5	1057	9	928
290030	0	0	0	0	3	14	0	0	3	59
290040	1	52	0	0	3	45	0	0	0	0
290050	49	1598	11	342	2	19	10	415	8	103
310080	0	0	0	0	0	0	1	486	0	0
390050	0	0	0	0	0	0	22	185	13	239
410080	1	24	1	57	0	0	0	0	5	790
490050	4	51	1	305	2	9	1	5	1	54
910060	0	0	0	0	0	0	0	0	0	0
910090	9	474	1	3	80	5	8	19	687	997
990030	0	0	0	0	0	0	0	0	0	0
990035	0	0	0	0	0	0	0	0	0	0
990045	0	0	0	0	0	0	2	56	8	230
990060	2	53	0	0	16	614	4	36	4	138
8463100080	0	0	2	34	0	0	0	0	0	0
200080	0	0	0	0	11	133	0	0	0	0
300080	0	0	8	127	10	302	8	37	9	265
900080	0	0	72	4063	1	4	9	47	12	159
9800000002	19	61	2	15	0	0	61	378	50	229
9900000002	29	10	95	195	1300	493	94	60	835	200
Y-T-D Tot	114	2323	204	6169	1433	1968	285	3085	1651	4733
NC YTD Tot	1	24	1	57	2	32	6	1543	14	1717
C&F Y-T-D	329	4680	469	24698	172072	25006	1012	21368	42342	22236
C&F NC YTD	3	218	64	8879	174	6090	107	11047	237	10329

Other Manufacturing Technology

1000000000	0	1990	0	8991	0	5271	0	8166	0	11112
2000000000	0	224	0	1416	0	1252	0	2337	0	4265
2710003070	0	0	0	15	0	0	0	0	0	13
8428900010	68	3267	3	2	480	16	2	132	2	163
8431390080	0	633	0	630	0	137	0	2722	0	3054
8456101010	0	0	2	741	0	0	0	0	0	0
101020	0	0	0	0	0	0	0	0	0	0
105000	0	0	0	0	0	0	4	39	4	486
201010	0	0	0	0	0	0	0	0	0	0
201050	0	0	0	0	0	0	0	0	0	0
205000	0	0	0	0	0	0	0	0	15	51
8477103000	0	0	0	0	0	0	0	0	0	0
106010	0	0	20	949	8	537	0	0	26	2044
106050	2	398	7	557	34	1331	1	34	40	2396
200005	0	0	0	0	0	0	0	0	1	45
200015	0	0	0	0	1	229	0	0	0	0
200035	0	0	0	0	0	0	2	56	8	170
200045	0	0	0	0	0	0	5	2417	1	593
200055	5	49	0	0	0	0	0	0	1	24
200065	0	0	1	1061	0	0	0	0	0	0
300000	0	0	1	209	5	88	0	0	1	101
400000	0	0	0	0	12	159	22	84	0	0
510010	0	0	0	0	0	0	11	83	0	0
510090	0	0	0	0	1	4	1	28	1	2
590000	0	0	1	20	3	17	10	316	16	46
800000	0	0	4	339	23	743	58	1100	93	1434
8479899040	21	1032	2	294	2	13	1	31	67	1389
908040	0	385	0	137	0	59	0	354	0	1405
8537100030	34	7	2	48	20	20	17	108	13	158
9024100000	0	22	0	168	0	1	0	425	0	55
9031100000	0	0	0	18	0	0	0	92	0	23
300000	0	0	0	50	0	0	0	438	0	0
9032810020	0	0	993	25	6000	6	1752	18	17184	342
810060	320	39	5	1	2121	10	48	31	9596	191

Note: Product Code 1000000000 represents aggregated machine tool parts codes 8466100010 through 8466945000.
Note: "0" in units column with corresponding value means that unit measure is not meaningful.

U.S. IMPORTS
Metal Cutting and Metal Forming Machine Tool Totals
January 92 March 92

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
EUROPE						
Austria	315	3266	5	843	320	4109
Bulgaria	5	33	0	0	5	33
Czechoslovakia	43	850	0	0	43	850
Denmark	104	370	71	901	175	1272
Finland	11	233	9	806	20	1039
Hungary	2	8	0	0	2	8
Ireland	5	21	0	0	5	21
Luxembourg	3	11	14	13	17	24
Netherlands	159	1564	19	465	178	2028
Norway	0	0	0	0	0	0
Poland	45	972	0	0	45	972
Portugal	0	0	20	352	20	352
Romania	4	134	0	0	4	134
USSR	1	78	0	0	1	78
Yugoslavia	40	189	2	290	42	479
Oth Europe	7	76	2	118	9	194
TOTAL	12004	123812	1733	45208	13737	169020
NORTH AND CENTRAL AMERICA						
Barbados	0	0	0	0	0	0
Dominican Rep	0	0	0	0	0	0
Mexico	220	79	1225	352	1445	431
Oth N & C Am.	1	8	0	0	1	8
TOTAL	727	6839	1747	12018	2474	18858
SOUTH AMERICA						
Argentina	0	0	0	0	0	0
Chile	0	0	0	0	0	0
Colombia	0	0	0	0	0	0
Paraguay	0	0	0	0	0	0
Peru	11	22	0	0	11	22
Uruguay	0	0	0	0	0	0
Venezuela	0	0	1	4	1	4
Oth South Am.	0	0	0	0	0	0
TOTAL	100	1857	8	13	108	1870
OCEANIA						
Australia	5	503	6	196	11	699
New Zealand	0	0	25	5	25	5
Oth Oceania	0	0	0	0	0	0
TOTAL	5	503	31	201	36	704

U.S. IMPORTS
Metal Cutting and Metal Forming Machine Tool Totals
January 92 March 92

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
ASIA						
China	39522	4263	186	181	39708	4444
Hong Kong	33	70	4	5	37	75
India	25	187	0	0	25	187
Indonesia	0	0	0	0	0	0
Iran	0	0	0	0	0	0
Iraq	0	0	0	0	0	0
Israel	11	756	4	140	15	895
Malaysia	0	0	1	7	1	7
Pakistan	6	51	0	0	6	51
Philippines	0	0	0	0	0	0
Thailand	113	3761	0	0	113	3761
Oth Asia	0	0	0	0	0	0
TOTAL	236443	217391	2694	61696	239137	279087
AFRICA						
Ghana	0	0	0	0	0	0
Kenya	0	0	0	0	0	0
Niger	0	0	0	0	0	0
South Africa	0	0	57	55	57	55
Swaziland	0	0	0	0	0	0
Oth Africa	0	0	0	0	0	0
TOTAL	0	0	57	55	57	55

Note: Region totals include top countries detailed by product as well as countries listed above.
** West and East Germany are combined.
Cutting Section Notes:
Total for Metal Cutting and Metal Forming appears in Metal Forming Section.
Product Code 9000000001, Metal cutting machine tools, n.e.c., represents the total of codes: 8461900040 and 8461900080.
n.e.c. - Not elsewhere classified.